

Computerized Patient Record System (CPRS)

Clinician's Getting Started Guide

List Manager version

December 2002

Department of Veterans Affairs Technical Service Computerized Patient Record System Product Line

Revision History

Date	Page	Change
12/02	27-31	Added changes for event-delayed orders
12/2/01		Added information about the Copay prompts.
9/11/01		Added information about medication changes that come about as a result of POE.
6/29/00		Added to note about IV meds with more than one additive being saved as IV Fluids.
6/29/00		Added note that outpatient med active status now displays as "active (susp)".
6/29/00		Added note about outpatient med orders requiring authorized provider signature prior to release.
		release.

Table of Contents

INTRODUCTION	5
WHAT IS CPRS?	
USING CPRS DOCUMENTATION	
CONVENTIONS IN THIS MANUAL	
NOTIFICATIONS	
CPRS AND THE LIST MANAGER USER INTERFACE	
LIST MANAGER CONVENTIONS	9
USING CPRS	
ENTERING CPRS	
SELECTING A PATIENT	10
THE COVER SHEET	11
ACTIONS	
MORE ACTIONS	
ALERTS, ALLERGIES, AND PATIENT POSTINGS	
ALLERGIES/ALERTS DETAILED DISPLAY	13
CHART CONTENTS	14
PROBLEMS	15
NOTES	18
ORDERS	22
REVIEWING ORDERS	
CHANGE VIEW	
ORDER SCREEN ACTIONS	
ORDER ACTIONS	
ADD NEW ORDERS	
EVENT-DELAYED ORDERS	
Placing an Event-Delayed Order	
Removing the Release Event from an Existing Order	
Manually Releasing Event-Delayed Orders	
Viewing Event Delayed Orders After they are Released	
Ouick Orders	
ORDER SETS	
REVIEWING AND SIGNING NEW ORDERS	30
Ordering, by Service/Category	
PATIENT MOVEMENT	33
Ordering Diets	
OVERVIEW OF NEW CPRS/POE FUNCTIONALITY	
ORDERING OUTPATIENT MEDICATIONS WITH A SIMPLE DOSE	36
ORDERING OUTPATIENT MEDICATIONS WITH COMPLEX DOSES	38
ORDERING INPATIENT MEDICATIONS WITH A SIMPLE DOSE	41
ORDERING INPATIENT MEDICATIONS WITH A COMPLEX DOSE	43
Ordering IV Fluids	
Ordering Imaging or Radiology Exams	
Ordering Labs	
Ordering Consults & Procedures	46

MEDS	47
Meds Change View	49
LABS	50
LAB CHANGE VIEW	
CONSULTS	53
IMAGING	56
CHANGE VIEW	
D/C SUMMARIES	58
REPORTS	60
Lab Cumulative Example	
DIETETIC PROFILE EXAMPLE	
PERSONAL PREFERENCES	66
PERSONAL PREFERENCES MENU	
GUI COVER SHEET DISPLAY PARAMETERS	
NOTIFICATION MGMT MENU OPTIONS	
ORDER CHECKING MGMT MENU	
PERSONAL PATIENT LIST MENU	
Patient Selection Preference Menu	74
DISPLAY PATIENTS LINKED TO ME VIA TEAMS	75
DISPLAY MY TEAMS	76
HELPFUL HINTS	77
GLOSSARY	80
APPENDIX: SCREEN ACTIONS	83
ACTIONS AVAILABLE, BY TAB	
INDEX	85

Introduction

What is CPRS?

The Computerized Patient Record System V. 1.0 (CPRS) is a Veterans Health Information Systems and Technology Architecture (VISTA) computer application. CPRS enables you to enter, review, and continuously update all information connected with any patient. With CPRS, you can order lab tests, medications, diets, radiology tests and procedures, record a patient's allergies or adverse reactions to medications, request and track consults, enter progress notes, diagnoses, and treatments for each encounter, and enter discharge summaries.

CPRS not only allows you to keep comprehensive patient records, it enables you to review and analyze the data gathered on any patient in a way that directly supports clinical decision-making.

Using CPRS Documentation

Related Manuals

Computerized Patient Record System V. 1.0 Installation Guide Computerized Patient Record System V. 1.0 Setup Guide Computerized Patient Record System V. 1.0 Technical Manual Text Integration Utility (TIU) Clinical Coordinator and User Manual Consult/Request Tracking User Manual

World Wide Web

CPRS documentation is also available on the VISTA Intranet. The Intranet version will be constantly updated, and thus might contain more current information than this print version.

Intranet address: vista.med.va.gov/cprs/

First Time VISTA Users

If you are unfamiliar with this package or other Veterans Health Information Systems and Technology Architecture (**V**IST**A**) software applications, we recommend that you study the *User's Guide to Computing*. This orientation guide is a comprehensive handbook for first-time users of any **V**IST**A** application to help you become familiar with basic computer terms and the components of a computer. It is reproduced and distributed periodically by the Kernel Development Group. To request a copy, contact your local Information Resources Management Service (IRMS) staff.

Conventions in This Manual

Option examples: Menus and examples of computer dialogue that you see on the screen are shown in courier font in boxes:

Select Menu Option:

User responses:

User responses are shown here in **bold**, but do not appear bold on the screen. The bold part of the entry is the letter or letters that must be typed so that the computer can identify the response. In most cases, you need only enter the first few letters. This increases speed and accuracy.

Select PATIENT NAME: AndersON, JOHN

NOTE: Names and social security numbers used in the examples are fictitious.

<Enter>

This indicates the Enter or Return key, which is pressed after every response you enter or when you wish to bypass a prompt, accept a default (//), or return to a previous action. In this manual, it is only shown in examples when it might be unclear that such a keystroke must be entered.

^, ^^, ^^^

Enter the Up-arrow (also known as a caret or circumflex) at a prompt to leave the current option, menu, sequence of prompts, or help. To get completely out of your current context and back to your original menu, you may need to enter two or three up-arrows. (You may see a message, "Press RETURN to continue or ^ or ^^ to exit:" after each screen in a series of screen displays; e.g., for reports or online help.)

?, ??, ???

Enter one, two, or three question marks at a prompt for help about the menu, option, or prompt you are at. One question mark elicits a brief statement of what information is appropriate for responding to the prompt; two question marks show a list (and sometimes descriptions) of more actions; and three question marks provide more detailed help, including a list of possible answers, if appropriate.

Defaults (//)

Defaults are responses provided to speed up your entry process. They are either the most common responses, the safest responses, or the previous response.

Example: Select Action: Quit//

Conventions, cont'd

Replace..With If the default entry is longer than 20 characters, you will see the

- "Replace....With" editor instead of the double slashes (//).
- 1. Enter @ after Replace if you want to replace the entire default entry, or
- 2. type one or two letters followed by three dots (...) to change part of the letters (e.g., to correct a misspelling),
- 3. press Return,
- 4. When the word With appears, type the correct name

Example:

Provider: Clinical Coordinator Replace Co... With Nurse

- >> Side-arrows (Greater-than/Less-than; shift-comma, shift,period) indicate that more information is available on the right side of the screen. Enter these arrows at any prompt. If the arrows appear in front of an order, it means that the order requires action by a clerk or nurse.
- The plus symbol at the bottom left-hand side of a screen of information indicates that more than one screen of information exists. Use the plus and minus keys to navigate up and down. If the + is displayed in front of a lab order, it means that the lab test will be done multiple times, according to a selected schedule.
- Shortcut You can jump through a sequence of actions and screens by entering the names (or their abbreviations) separated by semi-colons.

 Shortcut Example: CC;O;AD;L will take you through Chart Contents, Orders, Add Orders, and to Lab.

Icons

Icons used to highlight key points in this manual include:



Indicates important information that the user should take note of.

Notifications

Notifications are important messages that alert providers to certain clinical events (for example, a critical lab value). Some notifications are for information only; others allow you to take follow-up action to the event that triggered the notification. They may also notify providers of conditions such as unsigned orders. Notifications are automatically deleted after being displayed or when a follow-up action is taken.

Notifications are retained for a predetermined amount of time (up to 30 days), after which they may be sent to another destination, such as your MailMan surrogate or your supervisor. Confer with your CAC to establish and set up these options. You can also confer with your CAC to select what types of notifications you will receive. Some notifications are mandatory, however, and cannot be disabled. See the Personal Preferences section in this manual for further information about notifications.

CPRS and the List Manager User Interface

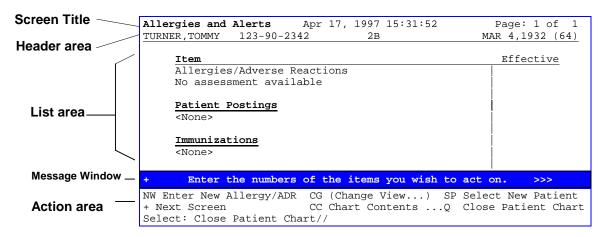
CPRS was built to run in both the Windows operating environment (usually referred to simply as Windows) and on terminals. The Windows version of CPRS is described in another manual. This manual describes the terminal, text-based version of CPRS.

If you are not already familiar with List Manager applications, this section will take you on a quick tour of the interface. If you are already familiar with the List Manager interface, you can skip to the next section, *Using CPRS*.

List Manager is designed to display a list of clinical items (based on criteria you set) that you perform various actions on. An example of a CPRS screen in List Manager format is shown here, with explanations of the various components on the screen.

List Manager Conventions

List Manager is a tool designed so that a list of items can be presented to the user to perform *actions* on.



Descriptions of List Manager Screen Components

Component	Description
Screen title	The screen title changes according to what type of information List Manager is displaying (e.g., Chart Contents, Cover Sheet, Active Orders, Lab Orders, etc.). Use this title as an identifier to confirm your location at any time.
Header area	The header area is a "fixed" (non-scrollable) area that displays patient information. It also tells if there is more than one page of information and which page you're currently on (e.g., Page: 1 of 3).
List area	(scrolling region) This area scrolls and displays the information that you can take action on.
Message window	This section displays a plus (+) sign, minus (-) sign, >> symbols, or informational text (i.e., Enter ?? for more actions). A plus sign means more information is available; enter it at the action prompt to "jump" forward a page; a minus sign "jumps" back a screen.; > moves you to more information on the right; and < moves you back to the left or main screen. Other allowable actions may be displayed in the message window.
Action area	A list of actions display in this area of the screen. If you enter double question marks (??) at the "Select Action(s)" prompt, you are shown a "hidden" list of additional actions that are available to you.

Using CPRS

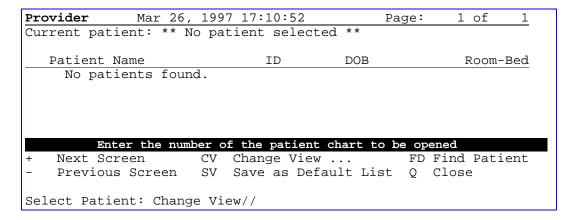
Entering CPRS

You can take several routes to get into CPRS to enter orders and progress notes, review them, and display reports and results for individual patients. The route you choose depends on how your site has set up your menus, what your primary purpose is, and what seems most convenient to you.

- The **CPRS Clinician Menu** on the main Clinician's Menu.
- One of the following menus or options on the Clinician's Menu
 - Add New Orders
 - Act on Existing Orders
 - Results Reporting

This Guide describes going through the CPRS Clinician Menu, which provides a multi-faceted view of a patient's medical record.

When you enter the CPRS Clinician Menu, you will see this screen:



Selecting a Patient

The Patient Selection screen offers three methods for finding your patient:

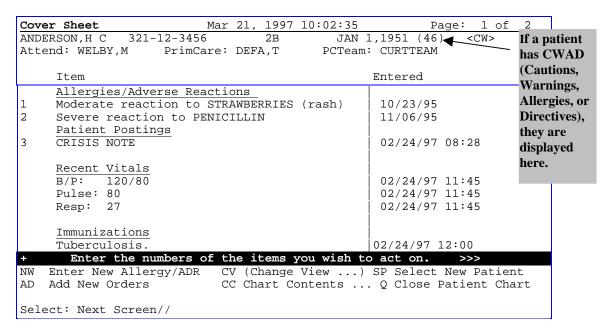
- Entering a name from a list (if you have one defined and set as your default,
- Entering a patient's name (or last initial + last 4 letters of SSN) at the Select Patient prompt, or
- Entering FD (Find Patient), entering a ward or clinic name, then selecting a patient name from the list that appears.

The Cover Sheet

The Cover Sheet of the selected patient chart displays the patient's name, SSN, date of birth, age, unit/location, allergies/adverse reactions, patient postings, vitals, immunizations, and service connection.

☞ NOTES:

- You may only have one patient chart open at any given time
- Two users may not simultaneously take actions on orders for the same patient



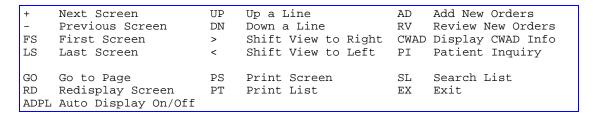
Actions

Enter the display numbers of the items you wish to change or act on. A menu of available actions is then presented for selection. You can also choose the action first and then the item.

- Enter NW to document a new allergy.
- Enter AD to add new orders for this patient from any page in the chart.
- Enter CC to see a list of the other "pages" of the chart.
- Enter SP to select a different patient.
- Enter ?? to see a list of other actions available.

More Actions

When you enter two question marks (??) at the prompt, the following (hidden) actions are displayed. They can also be used at any prompt.



Alerts, Allergies, and Patient Postings

You can access some patient information directly from the Cover Sheet, without going to other tabs.

- Allergies
- Patient Postings
- Recent Vitals
- Immunizations
- Eligibility

•

From this screen, you can view a detailed display of any of these items, or you can record new allergies.

Cover Sheet Mar 21, 1997 10:02:	35 Page: 1 of 2						
ANDERSON, H C 321-12-3456 2B JAN :	1,1951 (46) <cw></cw>						
Attend: WELBY, M PrimCare: DEFA, T PCTeam: CURTTEAM							
Item	Entered						
Allergies/Adverse Reactions							
1 Moderate reaction to STRAWBERRIES (rash)	10/23/95						
2 Severe reaction to PENICILLIN	11/06/95						
Patient Postings							
4 CRISIS NOTE	02/24/97 08:28						
5 CLINICAL WARNING	01/15/97						
Recent Vitals							
B/P: 120/80	02/24/97 11:45						
Ht: 70	02/24/97 11:45						
Pulse: 80	02/24/97 11:45						
Resp: 27	02/24/97 11:45						
Immunizations							
Tuberculosis.	02/24/97 12:00						
+ Enter the numbers of the items you wish to	o act on. >>>						
NW Enter New Allergy/ADR CV (Change View) SP Select New Patient						
AD Add New Orders CC Chart Contents .	Q Close Patient Chart						
Select: Next Screen//							

Allergies/Alerts Detailed Display

Mar 21, 1997 10:02:35 Allergies/Alerts Display Page: ANDERSON, H C 321-12-3456 2B JAN 1,1951 (46) <CW>

CODEINE

Signs/Symptoms: NAUSEA, VOMITING

DIARRHEA

Type: DRUG

Status: NOT VERIFIED

Observed/Historical: OBSERVED

04/06/95 (SEVERE)

Originator: ANDERSON, CURTIS

PHYSICIAN

04/06/95 14:40

PATIENT EXHIBITS SEVERE GASTRIC PAIN WHEN GIVEN CODEINE.

Enter the numbers of the items you wish to act on. UP Up a Line DN Down a Line PS Print Screen PL Print Data Next Screen Previous Screen FS First Screen GO Go to Page Q Close LS Last Screen SL Search List

Select Action: Close//

Chart Contents

The Patient Chart is composed of screens that represent the pages of a traditional paper patient chart. The Chart Contents screen provides easy, logical access to other screens that show specialized patient information.

Cover Sheet	Orders	Imaging	Reports
Problems	Meds	Consults	
Notes	Labs	D/C Summaries	

When you choose most of these, the first thing you see is a list of current items for this patient (active problems, progress notes, lab results, orders, or meds). You can then review any of the items in greater detail, edit or cancel them if appropriate, or order new ones.

HINT: To quickly jump through a series of screens, enter the names or abbreviations of the actions, separated by semi-colons. Example: CC;Orders;Meds.

Cover	Sheet	Mar 23, 1997 18:	28:29	Page:	1 of	2
ANDER	SON,H C 321-12	-3456 2B	Ċ	JAN 1,1951	(46)	<cw></cw>
Atten	d: WELBY,M P	rimCare: DEFA,T	PCTeam	: CURTTEAM		
	Item			Entered		
	<u> Allergies/Advers</u>					
	Moderate reactio		S (rash)	10/23/95		
	Severe reaction			11/06/95		
	(nausea, vomiting					
	ERYTHROMYCINS/MA	CROLIDES (itchin	g,watering	03/06/97		
	eyes)					
	<u>Patient Postings</u> CRISIS NOTE			l 02/24/97	00.00	
	CLINICAL WARNING			02/24/97	00.20	
,	CHINICAL WARNING			01/13/97		
	Recent Vitals					
	B/P: 120/80			02/24/97	11:45	
	Ht: 70			02/24/97	11:45	
	Pulse: 80			02/24/97	11:45	
	Resp: 27			02/24/97	11:45	
	<u>Immunizations</u>					
'	Tuberculosis.			02/24/97 1	L2:00	
	Enter the number					>
	er Sheet	Orders		Rep	ports	
		Meds	Consults			
Not		Labs	D/C Summa	aries		
Selec	t chart componen	t:				

Problems

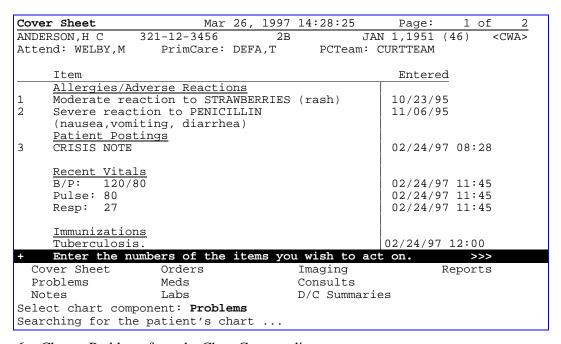
The Problems tab is used to document and track a patient's health care problems. It provides you with a current and historical view of the patient's problems across clinical specialties and it allows you to trace each identified problem through the **VISTA** system in terms of treatment, test results, and outcome. To go to the Problems screen, select the Problems tab at the bottom of the Chart Contents screen.

In the Problems tab, you can change the display to see customized lists of problems, edit a problem to reflect changes, and add a new problem.

To enter the Problems screen:

- 1. Go into the Clinician Menu and select OE for CPRS Clinician Menu.
- 2. The patient selection screen appears, with your personal patient list if you've created one (through Personal Preferences).
- **3.** Select a patient from the list, or enter another one.
- **4.** The Cover Sheet for this patient appears.
- **5.** Choose Chart Contents (CC); the Chart Contents tabs appear at the bottom of the screen.

Hint: Enter CC:P for a shortcut



6. Choose Problems from the Chart Contents list.

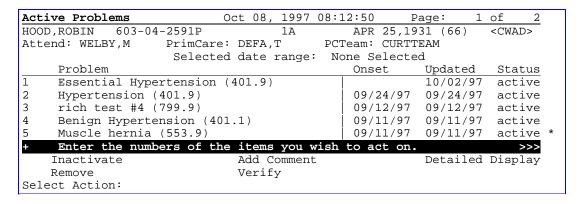
Problems, cont'd

7. The Problem List appears. The default is to show Active Problems (status is listed on the far right of the screen).

Problem List Example

```
Active Problems
                            Oct 08, 1997 08:12:50
                                                               1 of
                                                      Page:
                                                                       2
HOOD, ROBIN
             603-04-2591P
                                    1 A
                                              APR 25,1931 (66)
                                                                  <CWAD>
Attend: WELBY, M PrimCare: DEFA, T
                                          PCTeam: CURTTEAM
                     Selected date range: None Selected
     Problem
                                                         Updated
     Essential Hypertension (401.9)
                                                         10/02/97
                                                                   active
2
     Hypertension (401.9)
                                               09/24/97
                                                         09/24/97
                                                                   active
3
     rich test #4 (799.9)
                                               09/12/97
                                                         09/12/97
                                                                   active
4
     Benign Hypertension (401.1)
                                              09/11/97
                                                         09/11/97
                                                                   active
                                              09/11/97
                                                                   active *
    Muscle hernia (553.9)
                                                         09/11/97
       Enter the numbers of the items you wish to act on.
NW Write New Problem
                                               SP
                        CV Change View ...
                                                   Select New Patient
AD Add New Orders
                        CC Chart Contents ...
                                               Q
                                                   Close Patient Chart
Select: Chart Contents// NW
                              WRITE NEW PROBLEM
```

8. If you select one of the listed problems to review, you can choose one of the actions displayed below: Inactivate, Remove, Add Comment, or Detailed Display.



9. To add a new problem, enter NW at the Select: Chart Contents: prompt, and then answer the prompts as shown in the example below:

```
Select: Chart Contents// NW Write New Problem
PROBLEM: CFS
2 matches found
1    CFS * (ICD-9-CM 780.7)
2    Fatigue Syndrome, Chronic * (ICD-9-CM 780.7)
Type "^" to STOP or Select 1-2: 2
COMMENT (<60 char): <Enter>
DATE OF ONSET: 6/97 (JUN 1997)
STATUS: ACTIVE// <Enter> ACTIVE
    (A) cute or (C) hronic? CHRONIC
```

Problems, cont'd

```
Currently known service-connection data for ANDERSON, H C:
     SC Percent: 30%
    Disabilities:
OSTEITIS DEFORMANS
                                        30% - SERVICE CONNECTED
BONES, CAISSON DISEASE OF
                                        40% - SERVICE CONNECTED
Is this problem related to a service-connected condition? NO
 Problem: Fatigue Syndrome, Chronic
   Onset: 6/97
                                         SC Condition: NO
  Status: ACTIVE/CHRONIC
                                              Exposure: <none>
Provider: GREEN, JOANN
 Service: MEDICINE
Recorded: 8/26/97 by GREEN, JOANN
                     -----
(S) ave this data, (E) dit it, or (Q) uit w/o saving? SAVE// <Enter>
Saving ... done.
>>> Please enter another problem, or press <return> to exit.
PROBLEM: <Enter>
```

Change View

If you select Change View here, you can change the display to a different status; i.e., inactive problems or both inactive and active problems.

```
Select: Chart Contents// CV Change View ...
Status Save as Preferred View Remove Preferred View

Select attribute(s) to change: STATUS

Select Problem Status: active//?

Enter the status of the problems you wish to see listed here.
Choose from:
   active   inactive
   both active & inactive

Select Problem Status: active// B Both active & inactive
```

Notes

You can review, enter, sign, or edit progress notes for one patient at a time through the CPRS. To review, edit, or sign progress notes for multiple patients, use the Text Integration Utilities menu.

To enter a Progress Note:

- 1. Go into the Clinician Menu and select OE for CPRS Clinician Menu.
- 2. The patient selection screen appears, with your personal patient list if you've created one (through Personal Preferences).
- 3. Select a patient from the list, or enter another one.
- 4. The Cover Sheet for this patient appears.
- 5. Choose Chart Contents (CC).

Shortcut: Enter CC;N

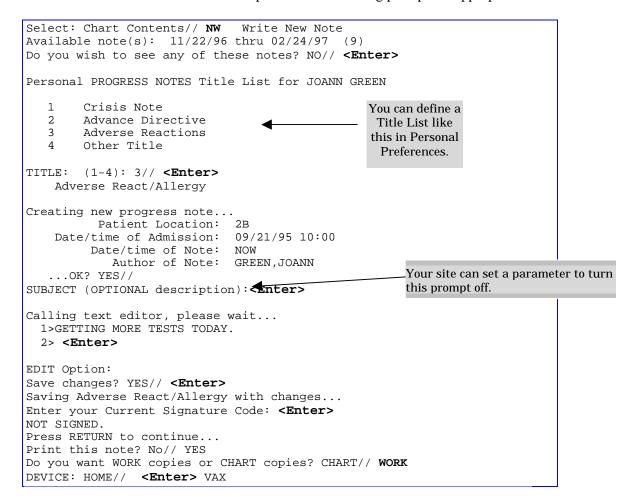
Cover Sheet Mar 26, 1997 14:28:25	Page: 1 of 2
	AN 1,1951 (46) <cwa></cwa>
Attend: WELBY,M PrimCare: DEFA,T PCTe	eam: CURTTEAM
·	
Item	Entered
Allergies/Adverse Reactions	
1 Moderate reaction to STRAWBERRIES (rash)	10/23/95
2 Severe reaction to PENICILLIN	11/06/95
(nausea, vomiting, diarrhea)	
3 ERYTHROMYCINS/MACROLIDES (itching, watering)	ng 03/06/97
eyes)	
Patient Postings 4 CRISIS NOTE	02/24/97 08:28
5 CLINICAL WARNING	01/15/97
o official materia	01/10/57
Recent Vitals	
B/P: 120/80	02/24/97 11:45
Ht: 70	02/24/97 11:45
Pulse: 80	02/24/97 11:45
Resp: 27	02/24/97 11:45
Immunizations	
Tuberculosis.	02/24/97 12:00
+ Enter the numbers of the items you wi	
Cover Sheet Orders Imaging	
Problems Meds Consult	_
Notes Labs D/C Sum	mmaries
Select chart component: notes	
Searching for the patient's chart	

6. Choose Notes from the Chart Contents list.

7. A list of notes appears (the default is to show Signed Notes).

Signed	l Notes	Mar 26,	1997 14:33:	48 Pag	e: 1 of 1	
ANDERSON, H C 321-12-3456 2B JAN 1,1951 (46) <cwa></cwa>						
Attend	d: WELBY,M	PrimCare:	DEFA,T	PCTeam: CUR'	TTEAM	
7	Гitle		Written	Author	SigSt	
1 7	Adverse React/A	Allergy	03/17 17	:15 GREEN,J	compl	
2 (CLINICAL WARNII	1G	02/21 09	:16 DEFA,T	compl	
3 (General Note		01/24 14	:18 RUSSELL	J compl	
4 5	SOAP - GENERAL	NOTE	12/04 14	:39 RUSSELL	J compl	
	Enter the nu	showa of th	o itoma wow	wish to est	on. >>	
NTT-7 T-7-						
	rite New Note	_				
	dd New Orders		Contents .	Q Close Pa	atient Chart	
Select	: Chart Conte	nts//				

8. Enter NW for Write New Note. Respond to the following prompts as appropriate.



Notes, cont'd

```
ANDERSON,H C 321-12-3456 Progress Notes

NOTE DATED: 03/26/97 17:15 ADVERSE REACT/ALLERGY
ADMITTED: 09/21/95 10:00 2B
GETTING MORE TESTS TODAY.

JOANN GREEN 03/17/97 17:15

Enter RETURN to continue or ^ to exit:
Searching for the patient's chart ...
```

To sign a Progress Note:

9. Select Notes from the Chart Components screen.

```
Select chart component: N
                          Notes
Searching for the patients chart ...
                         Mar 17, 1997 17:10:56 Page: 1 of
Completed Progress Notes
ANDERSON, H C 321-12-3456
                                         JAN 1,1951 (46)
Attend: WELBY, M PrimCare: DEFA, T
                                    PCTeam: CURTTEAM
Title
                                   Written
                                                   Sig Status
1 Adverse React/Allergy
                                    03/26 15:28
                                                     unsig
2 Adverse React/Allergy
                                   03/25 09:39
                                                     unsig
3 CRISIS NOTE
4 CLINICAL WARNING
                                   02/24/97 08:28
                                                     completed
                                   02/21/97 09:16
                                                     completed
                                   01/24/97 14:18
5 General Note
                                                     completed
 CLINICAL WARNING
                                   01/15/97
                                                      completed
       Enter the numbers of the items you wish to act on.
NW Write New Note CV Change View ... SP Select New Patient
AD Add New Orders
                  CC Chart Contents ...
                                            Q Close Patient Chart
Select: Chart Contents// CV
```

10. Select CV for Change View, to see all your unsigned notes.

```
1 all signed 4 signed/author Save as Preferred View 2 my unsigned 5 signed/dates Remove Preferred View 3 my uncosigned Select context: 2
```

11. Enter the number of the note to be signed.

```
Unsigned Progress Notes
                       Mar 17, 1997 17:13:22
                                                Page: 1 of
                                           JAN 1,1951 (46)
ANDERSON, H C 321-12-3456
Attend: WELBY,M
                 PrimCare: DEFA,T
                                      PCTeam: CURTTEAM
  Title
                                       Written
                                                 Author
                                                            SigSt
1 Adverse React/Allergy
                                      03/26 15:28 GREEN,J
2 Nursing Education Note
                                       03/25 09:39 GREEN,J
                                                            unsia
  Enter the numbers of the items you wish to act on.
                      CV Change View ... SP Select New Patient
NW Write New Note
AD Add New Orders
                      CC Chart Contents ... Q Close Patient Chart
Select: Chart Contents// 1
```

12. The selected unsigned note and actions appear. Select Sign

Unsigned Notes	Mar 26	, 1997	15:30:04	Page:	1 of	1

ANDERSON,H C	321-12-3456	2B	JAN 1,19	51 (46)	<cwa></cwa>
Title		7	Written Au	thor	SigSt
1 Adverse Rea	ct/Allergy		03/26 15:28	GREEN,J	unsig



the numbers of the items you wish to act on. >>>

Edit Detailed Display Identify signers

Copy Delete Make Addendum Browse Sign Select Action: **S** Print

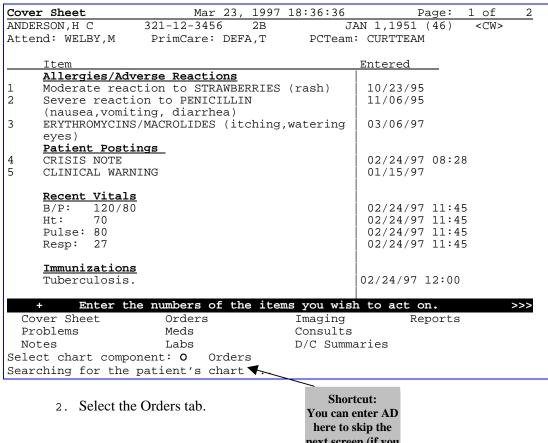
SIGN

Orders

From the Orders tab, you can review current orders for a patient and place new orders for consults, medications, lab tests, radiology procedures, diets, consults, and procedures, as well as nursing and activity orders.

Reviewing orders

1. After selecting a patient, select the Chart Contents (CC) action.



next screen (if you don't want to review orders).

3. The Active Orders screen for your patient is displayed.

Act	ive Orders Mar 23, 1997	7 18:38:27	Page:	1 of 13
	ERSON, H C 321-12-3456 2B		1,1951 (46)	
Att	end: WELBY,M PrimCare: DEFA,T	PCTeam: C	URTTEAM	
	Item Ordered	Requestor	Start Stop	Sts
1	LITHIUM SERUM LC LB #876	MALMROSE, C		actv
			18:10	
2	MAGNESIUM SERUM LC LB #876	MALMROSE, C		actv
			18:10	
3	CHEM 7 SERUM LC LB #876	MALMROSE, C		actv
			18:10	
4	+ CBC BLOOD LC LB #876 Q4D	MALMROSE, C		actv
			18:10	
5	Consult to Surgery Bedside	GREEN,J		pend
7	<pre>>> Change Treating Specialty to SURGERY</pre>	GREEN,J	03/17/97	unr
	Attending: LINCOLN, MIKE Primary:		17:39	
8	>> TPR B/P Ht Wt q2h	GREEN,J		unr
9	NPO Diet Effective MIDNIGHT	GREEN,J		unr
	+ Enter the numbers of	the items y	ou wish to ac	et on.
AD	Add New Orders CV Change View	. SP S	elect New Pat	ient
RV	Review New Orders CC Chart Content	s Q	Close Patient	Chart
TD	Delayed Orders			
+	Next Screen Select: Next Scree	en// AD		

NOTE: + in front of a Lab order indicates that this order will be done multiple times according to a selected schedule.

Change View

You can change the way orders are displayed by selecting Change View at the Active Orders screen and choosing one of the criteria listed. You can save a view to be your default view; i.e., the view that displays whenever you go into the orders screen.

```
Select: Next Screen// CV Change View ...

Status Date range Save as Preferred View Service/Section Short Format Remove Preferred View Select attribute(s) to change: SH Short Format Searching for the patient's chart ...
```

Short Format Example

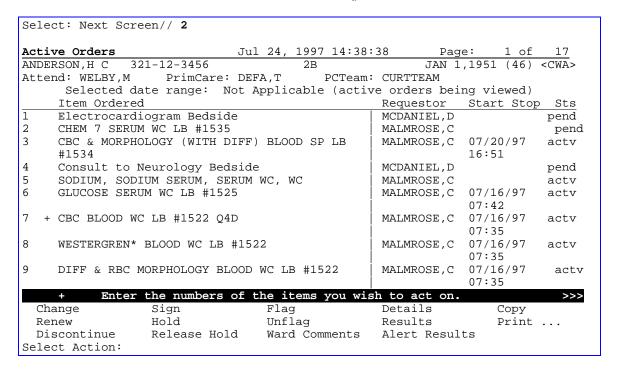
This format doesn't list the requestor or stop date.

```
Active Orders
                               09, 1997 17:06:10
                                                                       10
                                                                1 of
                                                       Page:
ANDERSON, H C
               321-12-3456
                                              JAN 1,1951 (46)
Attend: WELBY, M
                    PrimCare: DEFA,T
                                          PCTeam: CURTTEAM
    Item Ordered
                                          Start Date
                                                           Order Status
   >> TPR B/P qld *UNSIGNED*
                                                           unreleased
                                           03/28/97 17:32 active
     >> Diagnosis SIKOCIS
3
                                           03/28/97 17:32
     >> Condition FARFRMGROVIN
                                                           active
    Reaction to BEESWAX Mar 28, 1997
                                           03/28/97
                                                           active
     >> Condom Catheter CONVERTABLE
                                           03/28/97 17:32
                                                           active
                                        wish to act on.
     Enter the numbers of the items you
   Add New Orders CV Change View ...
                                              SP Select New Patient
RV
   Review New Orders CC Chart Contents ... Q Close Patient Chart
   Delayed Orders
    Next Screen
                       Select: Next Screen//
```

Order Screen Actions

When you select an order (by entering the number of the order at the Select Action prompt), a list of actions appears that you can perform on that order.

NOTE: This is a significant change from OE/RR, where the actions were visible at the bottom of the review screen before you selected an order.



These actions are described on the next page.

Order Actions

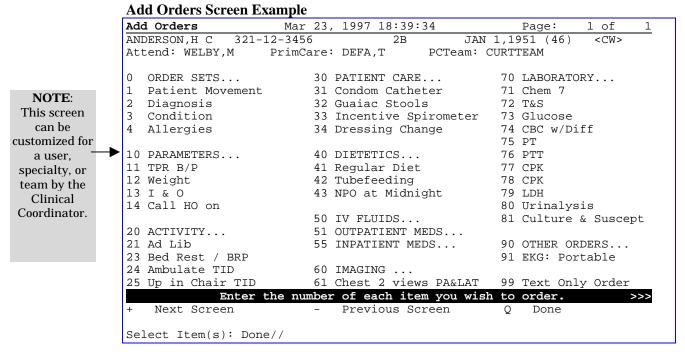
Order Actions			
Action	Description		
Change	Inpatient Medications allows editing of orders while they are still		
	pending. Other service/sections require the old order to be "DC'd"		
	(cancelled) and a new order to be added, if the original was incorrect.		
	Changed orders appear on the Review Screen as DC'd orders, along		
	with the new order.		
Renew	If allowed by the service (usually only Pharmacy), you can		
	renew/reinstate order(s) that have been discontinued.		
Discontinue	Lets you discontinue orders that haven't been released to the service		
	yet or that hasn't expired yet. After you request that an order be		
	discontinued, you must electronically sign it or indicate that it's been		
	signed on the chart. It will then show up on the "New/Unsigned		
	Orders" screen as a discontinued order. If an order is discontinued by		
	the service, a notification will be triggered that the order (for		
	discontinuation) requires a chart signature.		
Sign	This lets you sign an order electronically by entering your electronic		
	signature code, or indicate that the order was signed on-chart.		
Hold	You can place an Order on hold, preventing further processing		
	until "unhold" action or expiration of order. Not all packages may		
	allow their orders to be placed on hold; Pharmacy orders may be		
	placed on hold, but Lab orders can't.		
Release Hold	This action allows an order to continue its processing.		
Flag	This action lets you place a notice that the order needs clarification		
	or further instructions.		
Unflag	Takes the flag off after clarification or instructions are received.		
Ward Comments	You can add ward comments about an order; these will be displayed		
	on the Details screen.		
Details	More information about the selected order is displayed.		
Results	Allows you to (enter or view) results for an order.		
Alert Results	Allows you to (enter or view) alert results for an order.		
Сору	This is a shortcut that allows you to copy an order, rather than having		
Сору	to completely write a new order. This action is useful for when		
	hospital policy requires that new orders be written periodically, or		
	when orders are discontinued for ward transfers.		
Print	When you select the Print action, it presents the types of printing		
Labels	allowed. You can print Labels or Requisitions. You can print a copy		
	of all current orders, by service or Ward, using a pre-defined format.		
Work Copies	Each hospital can only have one format for Service Copies or Work		
Service Copies	Copies. These copies will normally be printed on a service printer.		
Requisitions	You can print a copy of all current orders that would appear on a		
Chart Copies	patient's chart, using a pre-defined format. Each hospital can only		
	have one format for Chart Copies.		
L	Jornan Jor Chart Copies.		

Add New Orders

The *Add New Orders* action leads to the Add Orders screen. The Add Orders screen varies widely from user to user, based on how your local coordinators have set it up to best fit your needs. You can order from many services, by individual order, by several selections separated by commas, or by a range of numbers separated by a hyphen. After completing one order, you proceed automatically to the next.

When you have finished placing orders, enter Q. You will then be prompted to sign these new orders. When the order(s) are signed, service copies print to the appropriate area(s) for action. Chart copies may print at the nurses' station/patient location.

Items with ellipses (...) after them bring up menus of available items within that category. Other orders are "quick orders." These are commonly ordered items that have been set up with pre-defined defaults, reducing the number of prompts.



Event-Delayed Orders

An event-delayed order is an order that is executed only after a predefined event (known as a release event) occurs. A release event can be an event such as an admission, discharge, or transfer. For example, you could write an event-delayed diet order that would not execute until a patient is transferred to a specific ward.

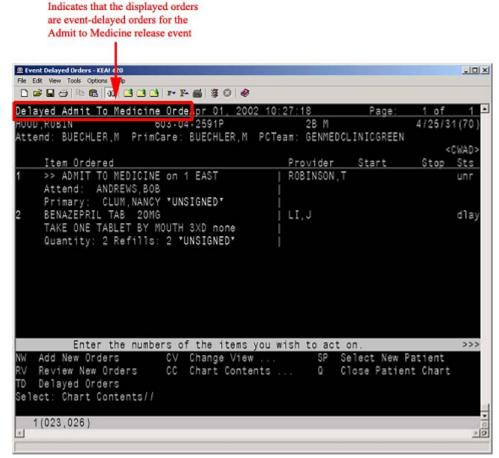
A CAC defines the release events at your site. (For more information on defining release events, see Appendix G of the *CPRS List Manager Technical Manual* or the Event-Delayed Orders topic in the *CPRS GUI Technical Manual*). Once a CAC has defined a release event, you can write an order that will not execute until that release event occurs.

Placing an Event-Delayed Order

To place an event-delayed order, follow these steps:

- 1. From the Orders tab, select Delayed Orders by typing **TD**.
- 2. Enter the name or number of the release event at the *Select RELEASE EVENT* prompt.

CPRS will return to the Orders tab screen. The name of the release event that you selected will appear at the top of the screen. If there are existing orders for that release event, they will appear on the tab.



Event-delayed orders for the Admit to Medicine release event appear on the Orders tab.

- 3. Add a new order by typing **NW**.
- 4. Enter the order as you normally would.

Changing the Release Event of an Existing Order

To change the release event of an existing order, follow these steps:

- 1. From the Orders tab, select Delayed Orders by typing **TD**.
- 2. At the *Select RELEASE EVENT* prompt, select the release event currently associated with the existing order.

The orders associated with that release event will appear.

3. Type the number of the order that you would like to change.

```
Delayed Peter's Event Orders Mar 29, 2002 10:25:32
                                                            Page:
                                                                     1 of
HOOD, ROBIN
                      603-04-2591P
                                                 2B M
                                                                    4/25/31(70)
Attend: BUECHLER, M PrimCare: BUECHLER, M PCTeam: GENMEDCLINICGREEN
                                                                         <CWAD>
    Item Ordered
                                              Provider
                                                                     Stop Sts
                                                          Start
                                              LANGLEY, P
                                                          03/20 03/20/02
    NPO none
    <Replaced with new diet order>
                                                          11:02
                                                                    12:23
    CATHETERIZATION CARDIOLOGY (OEX) Proc
                                              LANGLEY, P
                                                          03/20/02
                                                                           pend
    Bedside
                                                          11:05
3
    Reaction to BEER
                                              ROBINSON, T
                                                                           dlay
    0.9NS INJ 250 ml 200 ml/hr
                                              LANGLEY, P
                                                                           pend
    NPO *UNSIGNED*
                                              GONG,R
                                                                           dlay
    Tubefeeding: MAGNACAL FULL strength 2000
                                              GONG, R
                                                          03/28/02
                                                                           actv
    KCAL/QD eat and say YUM!
                                                          08:43
         Enter the numbers of the items you wish to act on.
                                                                            >>>
NW Add New Orders CV Change View ... SP Select New Patient
                         CC Chart Contents ...
RV Review New Orders
                                                   Q Close Patient Chart
TD Delayed Orders
Select: Chart Contents//
```

- 4. Select Edit Release Event by typing **Edit Release** at the *Select Action* prompt.
- 5. Type **No** at the *Remove the release event from these orders?* prompt.
- 6. Select a new release event at the Select RELEASE EVENT prompt.

Removing the Release Event from an Existing Order

To remove the release event from an existing order, follow these steps:

- 1. From the Orders tab, select Delayed Orders by typing **TD**.
- 2. At the *Select RELEASE EVENT* prompt, select the release event currently associated with the order.

The orders associated with that release event will appear.

3. Type the number of the order that you would like to change.

```
Delayed Peter's Event Orders Mar 29, 2002 10:25:32
                                                             Page:
                                                                      1 of
                                                                     4/25/31(70)
HOOD, ROBIN
             603-04-2591P
                                                  2B M
Attend: BUECHLER, M PrimCare: BUECHLER, M PCTeam: GENMEDCLINICGREEN
                                                                          <CWAD>
     Item Ordered
                                               Provider
                                                           Start
                                                                      Stop Sts
                                               LANGLEY, P
                                                                  03/20/02
     NPO none
                                                           03/20
                                                                            dc
     <Replaced with new diet order>
                                                           11:02
                                                                     12:23
2
     CATHETERIZATION CARDIOLOGY (OEX) Proc
                                               LANGLEY, P
                                                           03/20/02
                                                                            pend
     Bedside
                                                           11:05
3
                                               ROBINSON, T
     Reaction to BEER
                                                                            dlay
     0.9NS INJ 250 ml 200 ml/hr
                                               LANGLEY, P
                                                                            pend
     NPO *UNSIGNED*
                                               GONG, R
                                                                            dlay
     Tubefeeding: MAGNACAL FULL strength 2000
                                               GONG, R
                                                           03/28/02
                                                                            actv
     KCAL/QD eat and say YUM!
                                                           08:43
          Enter the numbers of the items you wish to act on.
                                                                             >>>
  Add New Orders
                          CV Change View ...
                                                    SP Select New Patient
```

```
RV Review New Orders CC Chart Contents ... Q Close Patient Chart
TD Delayed Orders
Select: Chart Contents//
```

- 4. Select Edit Release Event by typing **Edit Release** at the *Select Action* prompt.
- 5. Type **Yes** at the *Remove the release event from these orders?* prompt.

Manually Releasing Event-Delayed Orders

To release an event-delayed order manually (before the delay event occurs) follow these steps:

Note: You must sign an order before it can be released.

- 1. From the Orders tab, select Delayed Orders by typing **TD**.
- 2. At the *Select RELEASE EVENT* prompt, select the release event currently associated with the order.

The orders that are associated with the release event will appear in a numbered list.

3. Type the number of the order that you would like to release. The order that you selected will be highlighted.

Ţ 					
Delayed Orders Mar 26, 2002 10	:57:24	Page: 1 of 1			
HOOD, ROBIN 603-04-2591P	2B M	4/25/31(70)			
Attend: BUECHLER, M PrimCare: BUECHLER, M PCTeam: GENMEDCLINICGREEN					
		<cwad></cwad>			
Item Ordered	Provider	Start/Event Sts			
1 D5W INJ, SOLN 1000 ml 300 ml/hr	LANGLEY, P	Adm to medicine pend			
2 GENTAMICIN INJ, SOLN 1000 ML in	LANGLEY, P	Adm to medicine pend			
D5W INJ, SOLN 1000 ml,		_			
0.9NS INJ 250 ml 300 ml/hr	İ				
3 NPO *UNSIGNED*	GONG,R	Adm to medicine dlay			
Enter the numbers of the items you wish to act on.					
Release to service	Edit Release	Event			
Cancel	Detailed Disp	olay			
Select action:					

- 4. Select Release Orders by typing **R**.
- 5. If the *Patient Location* prompt appears, enter a location.
- 6. If the *Enter your Current Signature Code* prompt appears, enter your signature code
- 7. Enter the appropriate response at the *Should the orders be printed using the new location?* prompt.
- 8. Enter the appropriate response at the *Print CHART COPY for the orders*? prompt.
- 9. Enter the appropriate response at the *Print LABELS? for the orders* prompt.

Viewing Event Delayed Orders After they are Released

- 1. From the Orders tab, select Change View by typing CV.
- 2. Select Auto DC/Release Event by typing A.
- 3. At the *Select Patient Event* prompt, enter the release event associated with the orders you would like to view.

The appropriate orders will appear on the Orders tab.

Quick Orders

Quick Orders allow you to enter diets, labs, meds, etc. without going through as many steps. These are types of orders that clinicians have determined to be their most commonly ordered items, with standard collection times, routes, and other conditions. To select a quick order from the AD order screen, simply enter the number shown on your Add Orders menu (other than the #s for the categories LABORATORY, MEDICATIONS, IMAGING, DIETETICS, etc.), then the conditions for the order are displayed for you to accept, edit, or cancel.

Order Sets

Order sets are comprised of a group of related quick orders. The purpose is to minimize the number of prompts to answer for a common protocol or set of orders. See your coordinator or the CPRS Set-Up Guide for instructions about creating order sets. If your site has created order sets (e.g., for admission orders, pre-op orders, etc.), you can select one from the Add Orders screen.

Reviewing and Signing New Orders



After you have entered all of your orders for a patient and you accept the default of DONE at the Select Action Prompt, you are returned to the Cover Sheet. If you enter Q to exit the patient chart, the New Orders screen is displayed and you are prompted to sign all orders you have just placed.

You can also enter RV from other screens where Review New Orders doesn't appear as an action (it's on the hidden menu). You can then sign all orders, if you wish.

New Orders Oct 09, 1997 09	:52:06 Page: 1 of 1			
ANDERSON, H C 321-12-3456 2B	JAN 1,1951 (46) <cwa></cwa>			
Attend: WELBY,M PrimCare: DEFA,T	PCTeam: CURTTEAM			
Selected date range: None Selected				
Item Ordered	Requestor Start Stop Sts			
1 >> TPR B/P QD *UNSIGNED*	GREEN,J unr			
2 >> Ambulate TID *UNSIGNED*	GREEN,J unr			
3 NPO Diet *UNSIGNED*	GREEN,J unr			
4 COAGULATION (PT & PTT) BLOOD PLAS LC	GREEN,J unr			
QD *UNSIGNED*				
5 Consult to CARDI Bedside *UNSIGNED*	GREEN,J unr			
	•			

Enter the numbers of the items you wish to act on. >>> + Next Screen \$ Sign All Orders Q Close - Previous Screen AD Add New Orders Select: Sign All Orders// <Enter> Sign All Orders Enter your Current Signature Code: (XXXX) SIGNATURE VERIFIED Processing orders ... Bed Rest / BRP active. CHEM 7 BLOOD SERUM LC pending...

In order to sign some medication orders, you may need to indicate whether the order is related to the some or all of following conditions

- Military Sexual Trauma
- Vietnam-Era Herbicide
- Radiation
- Persian Gulf War
- Head or Neck Cancer

Adding New Orders

Sequence of Screens and Actions

Clinician Menu

Select Clinician Menu Option: **OE** (CPRS Clinician Menu)

CPRS Clinician Menu

Select Patient: Doe, John

Cover Sheet

Select: Next Screen// Chart Contents

Select: Chart Contents// AD (Add New Orders)

Add New Orders Menu

Select Item(s): (Choose the items to order)

Various prompts, menus, etc. related to the items selected will be displayed, unless you choose a "Quick Order"

(P)lace, (E)dit, or (C)ancel this order? PLACE// <Enter>

... order placed.

Add New Orders Screen

Select Item(s): DONE// < Enter>

Sign and Release Orders

Select Action: Q

There are new orders for this patient!

Searching the patient's chart \dots

Select: Sign all orders// < Enter>

Enter your Current Electronic Signature Code:

Ordering, by Service/Category

Patient Movement

You can order patient movements —Admit, Transfer, Discharge, and Treating Specialty changes—with this order type.

Example

```
Add Patient Movement Orders Sep 03, 1997 08:13:41
                                                      Page:
                                                            1 of
ANDERSON, H C 321-12-3456
                                             JAN 1,1951 (46)
                                                                <CWA>
Attend: WELBY, M
                   PrimCare: DEFA,T
                                          PCTeam: CURTTEAM
     Admit Patient
2
     Transfer Patient
     Discharge Patient
     Change Treating Specialty
      Enter the number of each item you wish to order.
                          TD Set Delay ...
    Next Screen
                                                         Done
    Previous Screen
                          RV Review New Orders ...
Select Item(s): Done//
```

Ordering Parameters/Activity/Patient Care Orders/Free Text

Parameters, Activity, Patient Care, and Free Text orders are different kinds of orders that are placed for nursing and ward staff to take action on. They **print only at the patient's ward/location, and are not transmitted electronically to other Services for completion**.

Examples of these various kinds of nursing orders are:

Order type	Order
Parameters	vital signs
Activity	bed rest, ambulate, up in chair
Patient Care	skin and wound care, drains, hemodynamics
Free text	immunizations

Pre-defined nursing orders (quick orders) may be available under various sub-menus. Nursing orders may also be composed by selecting the Text Only option from the Order Screen. These orders require the ward staff to take action to complete the request.

Patient Care Orders Example

Add Orders	Apr 08, 1997 16:20:59	Page: 1 of 1		
ANDERSON, H C 321-12-	-3456 2B PrimCare: DEFA,T PCTeam:	JAN 1,1951 (46) <cwa></cwa>		
Attend: WELBY,M	PrimCare: DEFA,T PCTeam:	CURTTEAM		
0 NURSING				
1 Chest Tube				
	32 Arterial Sheath			
3 Neuro Check	33 Venous Sheath	63 Suction		
4 Glascow Coma	34 Swan Ganz Catheter	64 Trach Care		
5 Guaiac Aspirate	35 Cardiac Output			
6 Guaiac Emesis		70 OXYGEN THERAPY		
7 Urine pH	40 DRAINS	71 02 3lt nasal cannula		
	41 Colostomy	72 02 4lt nasal cannula		
	42 Indwelling Urinary	73 Mask 35 per cent		
20 SKIN & WOUND	42 Indwelling Urinary 43 Hemovac	74 Mask 40 per cent		
21 Cold Packs	44 Ileostomy	75 Mask 50 per cent		
22 Warm Packs	45 Jackson Pratt	76 Ventilator		
23 Warm Soaks	46 Nasogastric			
24 Air Mattress	47 Penrose			
25 Water Mattress	48 Rectal Tube			
26 Sheepskin	49 Urostomy	99 Text Only Order		
	mber of each item you wish to o			
+ Next Screen				
Select Item(s): Done//				

Ordering Diets

- 1. Select 40, Dietetics, from the Add Orders screen.
- 2. Enter the number (1) from the list of diet options.
- 3. At the Diet prompt, type in the specific diet. A Diet prompt appears which provides for combination diets. Each combination is entered separately, e.g. Low Sodium <Enter> High protein <Enter>. If additional types are not desired, press <Enter>.
- 4. Enter the Effective date/time. (Automatically defaults to NOW.)
- 5. Enter the Expiration date/time. (Usually +28D for Med. and Psych. and +84D for EC)
- 6. Indicate the Delivery type. (Defaults to the unit's specific policy.)
- 7. The order displays. Select Edit, Cancel, or Place.

NOTE: If you enter a diet request after routine meal times, you will automatically be prompted for a late tray. If needed, select the time of delivery.

NOTE: Press <Enter> after you enter each response.

Overview of New CPRS/POE Functionality

To make it easier for providers to enter medication orders and have fewer orders that needed to be changed by pharmacy and sent back for provider signature, the Pharmacy Ordering Enhancement (POE) project was undertaken. The aim of this project was to make it easier for clinicians to enter medication orders and have the computer do the work in the background to also get pharmacists the information they need to fill the orders appropriately.

In doing this, the ORDER DIALOG file was changed to alter how CPRS prompts clinicians for the information needed in a way that is more natural for them and will hopefully reduce the number of orders that need to be edited and sent back for signature again. Changes include removing the Dispense drug prompt and instead request a dose, using an API to ensure that the VA policy that a provider ordering a controlled substance must have a DEA or VA number, autocalculation of the quantity if a common dispense drug and a standard schedule are entered, and the availability of standard schedules to name a few.

For the List Manager interface, the changes will be seen in the dialogs that you normally use. In addition, another Medications item called Medications may have been added to your ordering menu. The Medications item can be used in addition to the existing dialogs for INPATIENT MEDS, OUTPATIENT MEDS, and IV FLUIDS. The only difference between this new dialog and the Inpatient and Outpatient dialogs is that Medications will automatically assign the ordering context (Inpatient vs. Outpatient) based on the selected patient's current admission/visit status. The Medications item provides a single dialog for medication orders instead of forcing the provider to pick among the INPATIENT MEDS, OUTPATIENT MEDS, and IV FLUIDS order dialogs. If the provider wants to use those specific dialogs, they are still available.

Note: With the new Medications item, the provider will not be able to write a prescription if the patient is currently admitted, or order an inpatient IV med for a patient in an outpatient clinic (i.e. you won't be able to write an order for the opposite context). Therefore, the old INPATIENT MEDS, OUTPATIENT MEDS, and IV FLUIDS items should still be available for the provider to use.

There are several other changes that are explained in the POE Release Notes.

Ordering Outpatient Medications with a Simple Dose

- 1. Select Medications or your normal outpatient medications menu item from your Add Order Screen (AD).
- 2. Type in the medication name.
- 3. Select the medication formulation.

Note: CPRS now uses a look up from Pharmacy to check if the selected medication is a controlled substance that will require the signature of a provider with a DEA or VA number or a Schedule II (i.e., narcotics) drug that requires a wet signature (rather than an electronic one). For controlled substances, CPRS displays the message "Provider must have DEA# or VA# to order this drug!" Before an order for a controlled substance can be entered, the provider selected for the encounter must be able to sign the order. You may need to exit the dialog, change the provider, and then reenter the dialog. For a Schedule II (i.e., narcotics), the message is "This order will require a wet signature!"

Non-formulary medications are identified by the words "non-formulary" in parenthesis to the right of the medication. For example, you might see

```
ASPIRIN SUPP, RTL (non-formulary)
```

if you type in aspirin as the medication.

- 4. For a simple dose, type **N** and press **Enter**>.
- 5. Select the dose, if one is displayed, or enter a dose.
- 6. Enter Route. (Automatically defaults to the common route for this drug).
- 7. Enter a Schedule.

A message may display indicating what the normal fill for the selected medication is.

- 8. Enter a Days Supply. (The default fill is usually displayed.)
- 9. Enter the Quantity needed.
- 10. Enter Refills. This prompt must be answered. Enter 0 if no refills are desired.
- 11. Enter the method of delivery (WINDOW (automatic default), clinic or mail).
- 12. Enter a priority.
- 13. Enter comments if needed or desired.
- 14. The prescription displays. Select Edit, Cancel, or Place.
- 15. Enter another medication if desired. If you are finished and want to exit, press <Enter>.

Example: Ordering an Outpatient Medication with a Simple Dose

```
O ORDER SETS...
                                         30 PATIENT CARE...
                                                                                   70 LABORATORY...
0 ORDER SETS... 30 PATTENT CARE...
1 Patient Movement 31 Condom Catheter
2 Diagnosis 32 Guaiac Stools
3 Condition 33 Incentive Spirometer
                                                                                   71 Chem 7
72 T&S
                                        33 Incentive Spirometer 73 Glucose 34 Dressing Change 74 Glucose in 15 minutes
4 Allergies
SUPPLY
10 PARAMETERS...
                                         34 Dressing Change
4 Allergies 34 Dressing Change 74 Glucose in 15 minu SUPPLY 35 IVPB QO 75 CBC 75 CBC 10 PARAMETERS... 40 DIETETICS... 76 PTT 11 TPR B/P 41 Regular Diet 77 CPK 12 Weight 42 Tubefeeding 78 CPK 13 I & O 43 NPO at Midnight 79 LDH 14 Call HO on 44 High Mineral at Evening80 Urinalysis 50 IV FLUIDS... 81 Culture & Suscept 20 ACTIVITY... 51 OUTPATIENT MEDS... 89 Word Processing Or 21 Ad Lib 55 INPATIENT MEDS... 90 OTHER ORDERS... 23 Bed Rest / BRP 56 New Meds 91 EKG: Portable 24 Ambulate TID 60 IMAGING ... 98 Cardiology 25 Up in Chair TID 61 ECHOGRAM THYROID B SCAN99 Text Only Order + Enter the number of each item you wish to order.
                                                                                  89 Word Processing Order
               Enter the number of each item you wish to order.

Screen TD Set Delay ... Q Dor
                                                                                                                           >>>
     Next Screen
                                                                                        Done
Select Item(s): Next Screen// 56
                                       -- Medications --
Medication: as
        1 ASCORBIC ACID TAB
              ASPIRIN SUPP, RTL
                                                 (non-formulary)
            ASPIRIN TAB, CHEWABLE
             ASPIRIN TAB, EC
            ASPIRIN/BUTALBITAL/CAFFEINE TAB
                                                                         (non-formulary)
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 4 ASPIRIN TAB, EC ASPIRIN TAB, EC
Complex dose? NO// n NO
Choose from (or enter another):
              325MG $0.006
650MG $0.012
            975MG (non-formulary)
1950MG (non-formulary)
325MG $0.006
        3
Dose: 1
Route: ORAL//
Schedule: qam
*90-DAY FILL*
Days Supply: 90//
Quantity (TAB): 90//
Add New Orders
                                               Sep 11, 2001@22:04:42
                                                                               42 Page:
                                                                                                               1 of 2
SMITH, JANE
                                        333-44-5656
                                                                                                              4/13/66(35)
Refills (0-3): 3
Pick Up: WINDOW//
Priority: ROUTINE//
Comments:
   No existing text
   Edit? No//
                            Medication: ASPIRIN TAB, EC 325MG
                         Instructions: 325MG ORAL QAM
                                      Sig: TAKE 1 TABLET BY MOUTH EVERY MORNING
                         Days Supply: 90
                      Quantity (TAB): 90
Refills (0-3): 3
                                 Pick Up: WINDOW
                               Priority: ROUTINE
Order Checks:
>>> Duplicate order: ASPIRIN TAB, EC 325MG [PENDING]
(P)lace, (E)dit, or (C)ancel this order? PLACE//
```

Ordering Outpatient Medications with Complex Doses

- 1. Select Medications or your normal outpatient medications menu item from your Add Order Screen (AD).
- 2. Type in the medication name.
- 3. Select the medication formulation.

Note: CPRS now uses a look up from Pharmacy to check if the selected medication is a controlled substance that will require the signature of a provider with a DEA or VA number or a Schedule II (i.e., narcotics) that requires a wet signature (rather than an electronic one). For controlled substances, CPRS displays the message "Provider must have DEA# or VA# to order this drug!" Before an order for a controlled substance can be entered, the provider selected for the encounter must be able to sign the order. You may need to exit the dialog, change the provider, and then reenter the dialog. For a Schedule II (i.e., narcotics), the message is "This order will require a wet signature!"

Non-formulary medications are identified by the words "non-formulary" in parenthesis to the right of the medication. For example, you might see

```
ASPIRIN SUPP, RTL (non-formulary)
```

if you type in aspirin as the medication.

- 4. For a complex dose, type **Y** and press **Enter**>.
- 5. Select the first dose, if one is displayed, or enter a first dose.
- 6. Enter Route. (Automatically defaults to the common route for this drug).
- 7. Enter a Schedule.

A message may display indicating what the normal fill for the selected medication is.

- 8. Enter How Long the patient should take this dose.
- 9. If you want to enter another dose, select a conjunction (the choices are and, then, or except). When you are through entering additional doses, press **Enter**> at this prompt.
- 10. Repeat steps 5-9 as needed to create the complex dose.
- 11. Enter a Days Supply. (The default fill is usually displayed.)
- 12. Enter the Quantity needed. If a common dispense drug can be found, the application will try to calculate the quantity using this formula: schedule x days supply = quantity.
- 13. Enter Refills. This prompt must be answered. Enter 0 if no refills are desired.
- 14. Enter the method of delivery (WINDOW (automatic default), clinic or mail).
- 15. Enter a priority.
- 16. Enter comments if needed or desired.
- 17. The prescription displays. Select Edit, Cancel, or Place.
- 18. Enter another medication if desired. If you are finished and want to exit, press <**Enter>**.

Example: Entering an Outpatient Order with a Complex Dose

```
Cover Sheet
                                         Sep 11, 2001@17:27:54
                                                                                                1 of
                                                                                    Page:
SMITH, JANE
                                  333-44-5656
                                                                                               4/13/66(35)
PrimCare: UNKNOWN
                                                          PCTeam:
                                                                                                      <CWAD>
       Item
                                                                Entered
      Allergies/Adverse Reactions
      Moderate reaction to CHILDREN (hives,
                                                                03/31/98
1
      itching, watering eyes, nausea, vomiting, diarrhea, anxiety, dry mouth, dry nose, rash, hair loss)

DUST (rash)
2
                                                                06/22/98
3
      TREES (itching, watering eyes)
                                                                 03/19/99
4
      ASPIRIN
                                        (anxiety, dry
                                                                01/19/00
      mouth)
5
      Mild reaction to PENICILLIN (rash)
                                                                01/20/00
6
      IBUPROFEN (drowsiness)
                                                                01/24/00
      Patient Postings
7
      CRISIS NOTE
                                                              05/11/99 13:24
             Enter the numbers of the items you wish to act on.
Select: Next Screen// AD Add New Orders
<Orders for SMITH, JANE>
   ORDER SETS... 30 PATIENT CALL
Patient Movement 31 Condom Catheter
Diagnosis 32 Guaiac Stools
33 Incentive Spirometer
34 Dressing Change
O ORDER SETS...
                                                                       70 LABORATORY...
                                                                       71 Chem 7
2 Diagnosis
                                                                       72 T&S
                                                                       73 Glucose
                                  34 Dressing Change
35 IVPB QO
                                                                       74 Glucose in 15 minutes
                                                                       75 CBC
    SUPPLY
10 PARAMETERS...
11 TPR B/P
                                 40 DIETETICS...
41 Regular Diet
                                                                       76 PTT
                                                                       77 CPK
                                  42 Tubefeeding
43 NPO at Midnight
44 High Midnight
12 Weight
                                                                       78 CPK
13 I & O 43 NPO at Midnight 79 LDH
14 Call HO on 44 High Mineral at Evening80 Urinalysis
50 IV FLUIDS... 81 Culture & Suscep
20 ACTIVITY... 51 OUTPATIENT MEDS... 89 Word Processing
21 Ad Lib 55 INPATIENT MEDS... 90 OTHER ORDERS...
23 Bed Rest / BRP 56 New Meds 91 EKG: Portable
24 Ambulate TID 60 IMAGING ... 98 Cardiology
25 Up in Chair TID 61 ECHOGRAM THYROID B SCAN99 Text Only Order
13 I & O
                                                                       79 LDH
                                                                       81 Culture & Suscept
                                                                       89 Word Processing Order
             Enter the number of each item you wish to order.
     Next Screen TD Set Delay ...
Select Item(s): Next Screen// 56
                                  -- Medications --
Medication: WA
      1 WARFARIN TAB
           WATER SOLN, IRRG
                                        (non-formulary)
CHOOSE 1-2: 1
                     WARFARIN TAB
Complex dose? NO// YES
Choose from (or enter another):
            2MG
                      $0.27
                         $0.028
            2.5MG
            4MG
                       $0.54
      3
       4
            5MG
                       $0.266
            7.5MG
                          $0.417
       6
            10MG
                         $0.622
      7
            15MG
                        $0.834
      8
            20MG
                        $1.244
Dose: 8
            20MG
                         $1.244
```

Example: Entering an Outpatient Order with a Complex Dose (cont'd.)

```
Route: ORAL//
Schedule: Q8H
How long: 30
And/then/except: THEN Another Dose: 10MG
                                 $0.622
Schedule: Q12H
How long: 30
And/then/except: THEN
Another Dose: 4 5MG $0.266 ... OK? YES//
Schedule: Q12H
How long: 30
And/then/except:
TAR
Days Supply: 90//
Quantity (TAB): 540//
Refills (0-3): 0
Pick Up: WINDOW//
Priority: ROUTINE//
                                         Sep 11, 2001@17:28:33 Page: 1 of -44-5656 GM 4/13/6
Add New Orders
SMITH, JANE
                                  333-44-5656
                                                                                                     4/13/66(35)
Comments:
  No existing text
   Edit? No//
                          Medication: WARFARIN TAB 5MG
                       Instructions: 20MG ORAL Q8H FOR 30 DAYS THEN 10MG ORAL Q12H FOR 30 DAYS THEN 5MG ORAL Q12H FOR 30 DAYS
                    SIGURAL QIZH FOR 30 DAYS
Sig: TAKE 4 TABLETS BY MOUTH EVERY 8 HOURS FO ...
Days Supply: 90
Quantity (TAB): 540
Refills (0-3): 0
                             Pick Up: WINDOW
Priority: ROUTINE
(P)lace, (E)dit, or (C)ancel this order? PLACE// PLACE
              ... order placed.
Medication: //
```

Ordering Inpatient Medications with a Simple Dose

- 1. Select Medications or your normal inpatient medications menu item from the Add Order Screen (AD).
- 2. Type in the medication name.
- 3. Select the medication formulation.

Note: CPRS now uses a look up from Pharmacy to check if the selected medication is a controlled substance that will require the signature of a provider with a DEA or VA number. For controlled substances, CPRS displays the message "Provider must have DEA# or VA# to order this drug!" Before an order for a controlled substance can be entered, the provider selected for the encounter must be able to sign the order. You may need to assign a different provider for the encounter.

Non-formulary medications are identified by the words "non-formulary" in parenthesis to the right of the medication. For example, you might see

```
ASPIRIN SUPP, RTL (non-formulary)
```

if you type in aspirin as the medication.

- 4. For a simple dose, type **N** and press **Enter**>.
- 5. If possible doses have been entered, CPRS provides a list of possible doses. Select a listed dose or enter a dose.
- 6. Enter Route. (Automatically defaults to the common route for this drug).
- 7. Enter schedule, e.g., QID. Use caution when entering schedule. Use ALL uppercase, Use H for hour(s), and leave a space between time and PRN, e.g., Q4-6H PRN.
- 8. CPRS shows you the next scheduled administration time. Indicate whether you want to give the first dose now.

Note: Be careful when using "Give First Dose Now" that you do not overmedicate the patient. If you select yes to the prompt "Give First Dose Now?", a separate order will be created for the "Now" dose and another order will be created for the other dose. Check that the combination of the Now dose and the original schedule does not overmedicate the patient.

- 9. Type in provider comments, if any, e.g., X 7 days, or special instructions.
- 10. The order displays. Select Edit, Cancel, or Place.
- 11. Enter another medication if desired or at the Medication prompt, press **Enter**>.

Example: Entering an Inpatient Medication with a Simple Dose

```
<Orders for LUMSEN, MARTIN>
O ORDER SETS... 30 PATIENT CARE... 70 LABORATORY...

1 Patient Movement 31 Condom Catheter 71 Chem 7

2 Diagnosis 32 Guaiac Stools 72 T&S

3 Condition 33 Incentive Spirometer 73 Glucose

4 Allergies 34 Dressing Change 74 Glucose in 15 minutes

SUPPLY 35 IVPB QO 75 CBC

10 PARAMETERS... 40 DIETETICS... 76 PTT

11 TPR B/P 41 Regular Diet 77 CPK

12 Weight 42 Tubefeeding 78 CPK

13 I & O 43 NPO at Midnight 79 LDH

14 Call HO on 44 High Mineral at Evening80 Urinalysis

50 IV FLUIDS... 81 Culture & Suscept

20 ACTIVITY... 51 OUTPATIENT MEDS... 89 Word Processing Order

21 Ad Lib 55 INPATIENT MEDS... 90 OTHER ORDERS...

23 Bed Rest / BRP 56 New Meds 91 EKG: Portable

24 Ambulate TID 60 IMAGING ... 98 Cardiology

25 Up in Chair TID 61 ECHOGRAM THYROID B SCAN99 Text Only Order

4 Enter the number of each item you wish to order.
                     Enter the number of each item you wish to order.
                                                                                                                                                                        >>>
                                         TD Set Delay ... Q
 + Next Screen
                                                                                                                        Done
 Select Item(s): Next Screen// 56 56
                                                         -- Medications --
 Medication: I
            1 IBERET-FOLIC-500 TAB, SA
                                                                                 (non-formulary)
2 IBUPROFEN LIQUID SUSP
3 ILETIN NPH ILETIN NPH INSULIN INJ (non-formulary)
4 ILETIN NPH INSULIN INJ (non-formulary)
5 IMFERON IRON DEXTRAN INJ, SOLN (non-formulary)
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 2 IBUPROFEN LIQUID SUSP
 Complex dose? NO// NO
 Choose from (or enter another):
Choose from (or enter another,

1 100MG/5ML $1.56

2 200MG/10ML $3.12

Dose: 1 100MG/5ML $1.56

Add New Orders Sep 11,

LUMSEN, MARTIN 325-33-5515
                                                                 Sep 11, 2001@23:14:06 Page: 1 of 2
3-5515 1A(1&2)/9-B 6/19/66(35)
Route: ORAL//
 Schedule: Q6H
          1 Q6H
2 O6H
                    Q6H
           3
                    Q6H
 CHOOSE 1-3: 2
 Next scheduled administration time: Sep 12, 2001@03:00
 Give First Dose NOW? NO// NO
 Priority: ROUTINE//
 Comments:
     No existing text
     Edit? No// (No)
                                      Medication: IBUPROFEN LIQUID SUSP
                                   Instructions: 100MG/5ML ORAL Q6H
                                                    Text: 100MG/5ML PO Q6H
                                           Priority: ROUTINE
 (P)lace, (E)dit, or (C)ancel this order? PLACE//
```

Ordering Inpatient Medications with a Complex Dose

- 1. Select Medications or your normal outpatient medications menu item from the Add Order Screen (AD).
- 2. Type in the medication name.
- 3. Select the medication formulation.

Note: CPRS now uses a look up from Pharmacy to check if the selected medication is a controlled substance that will require the signature of a provider with a DEA or VA number. For controlled substances, CPRS displays the message "Provider must have DEA# or VA# to order this drug!" Before an order for a controlled substance can be entered, the provider selected for the encounter must be able to sign the order. You may need to exit the dialog, change the provider, and then reenter the dialog.

Non-formulary medications are identified by the words "non-formulary" in parenthesis to the right of the medication. For example, you might see

```
ASPIRIN SUPP, RTL (non-formulary)
```

if you type in aspirin as the medication.

- 4. For a simple dose, type **Y** and press **Enter**>.
- 5. If possible doses have been entered, CPRS provides a list of possible doses. Select a listed dose or enter a dose.
- 6. Enter Route. (Automatically defaults to the common route for this drug).
- 7. Enter schedule, e.g., QID. Use caution when entering schedule. Use ALL uppercase, Use H for hour(s), and leave a space between time and PRN, e.g., Q4-6H PRN.
- 8. Enter for how long (the number of days).
- 9. Select a conjunction (and or then) if you want to enter another dose, or when finished with dosing information, press **Enter**> to go to the next prompt.
- 10. Repeat steps 5-9 until you have the dose as you want it.
- 11. Indicate whether you want to give the first dose now.

Note: Be careful when using "Give First Dose Now" that you do not overmedicate the patient. If you select yes to the prompt "Give First Dose Now?", a separate order will be created for the "Now" dose and another order will be created for the other dose. CPRS also display a message: "First Dose NOW is in addition to those already entered. Please adjust the duration of the first one, if necessary." Check that the combination of the Now dose and the original schedule does not overmedicate the patient.

- 12. Type in provider comments, if any, e.g., X 7 days, or special instructions.
- 13. The order displays. Select Edit, Cancel, or Place.
- 14. Enter another medication if desired or at the Medication prompt, press <Enter>.

Example: Entering an Inpatient Order with Complex Dosing

```
Medication: tet
          TETANUS TETANUS & DIPHTHERIA TOXOID INJ
          TETANUS & DIPHTHERIA TOXOID INJ
          TETRACYCLINE LIQUID SUSP
TETRACYCLINE CAP,ORAL
          TETRACYCLINE INJ
      5
Press <RETURN> to see more, '^' to exit this list, OR CHOOSE 1-5: 4 TETRACYCLINE CAP,ORAL TETRACYCLINE CAP,ORAL Complex dose? NO// y YES
Choose from (or enter another):
           250MG
                    $0.036
$0.072
2 500MG
Dose: 2 500MG
          500MG
                       $0.072
Route: ORAL//
Schedule: q8h
How long: 7
How long, /
And/then: t THEN
Another Dose: 1 250MG $0.036
Sep 1
Another Dose: 1 250MG $0.036

Add New Orders Sep 11, 2001@23:46:12 Page: 1 of 2

LUMSEN, MARTIN 325-33-5515 1A(1&2)/9-B 6/19/66(35)
Schedule: q8h
How long: 7
And/then:
Next scheduled administration time: Sep 12, 2001@05:00
Give First Dose NOW? NO// y YES
  >> First Dose NOW is in addition to those already entered. << >> Please adjust the duration of the first one, if necessary. <<
Comments:
  No existing text
  Edit? No//
                  (No)
______
                    Medication: TETRACYCLINE CAP,ORAL
                   Instructions: 500MG ORAL Q8H FOR 7 DAYS THEN 250MG ORAL Q8H FOR 7 DAYS
                           Text: 500MG PO Q8H FOR 7 DAYS, THEN ...
                     First Dose: NOW
                      Priority: ROUTINE
(P)lace, (E)dit, or (C)ancel this order? PLACE//
```

Ordering IV Fluids

- 1. Select IVs.from the Add Order Screen (AD).
- 2. Available options are displayed; for example:
 - IV FLUIDS (WITH ADMIXTURE)...
 - IV MEDS...
 - [others, e.g., IV FLUIDS (NO ADDITIVES)...]
- 3. A fluid with NO ADDITIVE leads to the free text/word-processing screen for order entry.
- 4. A fluid with an ADMIXTURE leads to the IV pharmacy package.
 - a. Type in fluid desired (Use ?? for available selections). Entering a BASE fluid, i.e., D5, produces a fluid selection list containing that base.
 - b. Enter Volume of fluid if different from default.
 - c. Enter Additive by typing in the name of the additive.
 - d. Additive will again be prompted for to allow for additional additives. Bypass by pressing <Enter> if no other additives are desired.
 - e. Enter infusion rate in number(s) only. The numeric indicates the rate in cc/hr. Pharmacy uses ML/HR.
 - f. Enter provider comments if desired, e.g. -- # of days or special instructions, e.g. MVI in one bag per day. **NOTE**-Placing the name of an additive as a comment **DOES NOT** constitute a valid order unless it is also entered at the Additive prompt.
 - g. The order displays. Select Edit, Cancel, or Place.
 - h. Respond Y or N to the prompt for another request.

Note: An IV MEDICATION leads to the Inpatient Medication package. Answer these prompts like any other inpatient medication. If you enter an IV MEDICATION with more than one additive, it will be saved as an IV FLUID so that all additives can be saved and displayed.

Ordering Imaging or Radiology Exams

- 1. Select the radiology procedure from the Common Radiology Procedure List by entering the appropriate number. This list automatically displays (enter ?? for additional choices).
- 2. Enter Modifier(s) if appropriate, e.g., Right, Portable (enter ?? for a complete list of choices).
- 3. Enter a Reason for the Request.
- 4. The order displays. Select Edit, Cancel, or Place.
- 5. Respond Y or N to the prompt for Another Request.

Ordering Labs

- 1. Enter the name of the lab tests desired.
- 2. Choose the method of collection —Send to Lab, Ward Collect and Deliver, Lab Blood Team, or Immediate Collect by Lab Team.
- 3. Enter the collection date and time, e.g., T+3@0500, or Now.
- 4. Enter the Urgency.
- 5. Enter how often. (**NOTE:** If you select that this order will be done multiple times, a + will appear in front of the Lab order on the Orders screen).
- 6. The choices you have made are displayed.
- 7. Choose place, edit, or cancel.

NOTE: An Order Check notice such as the following might appear. This notice states that an order is a duplicate of a previously placed order for this patient. You have the option to place, edit, or cancel the order, based on this information.

```
Order Checks:

>>> Duplicate order: GLUCOSE TOLERANCE (URINE) URINE WC [UNRELEASED]

(P)lace, (E)dit, or (C)ancel this order? PLACE// c CANCEL
... order cancelled.
```

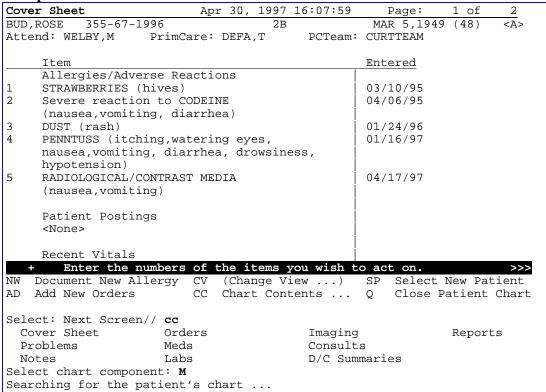
Ordering Consults & Procedures

- 1. Select 90, Other Orders, from the Add Orders screen.
- 2. Enter the service/specialty you're requesting the consultation from.
- 3. Enter the reason for the request.
- 4. Specify whether the service rendered will be on an inpatient or outpatient basis.
- 5. Enter the urgency for the consultation (stat, routine, within 48 hours, or within 72 hours).
- 6. Enter the place of Consultation (bedside or consultant's choice).
- 7. Enter the provisional diagnosis.
- 8. A list of the categories and their responses is displayed; verify or edit these by selecting Place, Edit, or Cancel.
- 9. You can now add another consult order or exit.

Meds

You can review and order Meds either through the Meds tab in Chart Contents or through the Add New Orders option on the Orders tab.

Example



Active Inpatient Medications Apr 30, 1997 16:0	5:06 Page: 1 of <u>2</u>
BUD, ROSE 355-67-1996 2B	MAR 5,1949 (48) <a>
Attend: WELBY,M PrimCare: DEFA,T PCTeam	: CURTTEAM
Medication	Stop Date/Time Status
1 QUINIDINE TAB	pending
Give: 200MG PO ONCE	
2 CIMETIDINE TAB	pending
Give: 300MG PO BID	
3 WARFARIN TAB	pending
Give: 10MG PO BID	į
4 GLIPIZIDE TAB	pending
Give: 5MG PO BID	
5 PENICILLIN TAB	pending
Give: 250MG PO BID	
6 0.9% NaCl 250 ML 50 ml/hr	pending
+ Enter the numbers of the items you wish to	-
NW Order New Meds CV Change View	
	O Close Patient Chart
+ Next Screen	x ====================================
Select: Next Screen// 1	
DCICCL, MCVC DCICCII// T	

Active Inpatient Medications Apr 30, 1997 16:11	:42
BUD, ROSE 355-67-1996 2B	MAR 5,1949 (48) <a>
Attend: WELBY,M PrimCare: DEFA,T PCTeam	: CURTTEAM
Medication	Stop Date/Time Status
1 QUINIDINE TAB	pending
Give: 200MG PO ONCE	
2 CIMETIDINE TAB	pending
Give: 300MG PO BID	
3 WARFARIN TAB	pending
Give: 10MG PO BID	
4 GLIPIZIDE TAB	pending
Give: 5MG PO BID	
5 PENICILLIN TAB	pending
Give: 250MG PO BID	
6 0.9% NaCl 250 ML 50 ml/hr	pending
7 ASPIRIN TAB	pending
Give: 325MG PO PRN	
8 CEFTRIAXONE 2 GM in DEXTROSE 20% 1666 ML 70	pending
ml/hr	
+ Enter the numbers of the items you wish	
Change Discontinue Transfer to O	utpt Detailed Display
Renew Hold Copy	
Select Action: det Detailed Display	

Meds Detailed Display

Medication Display	Ap	r 30, 1997 16:15:	19	Page	e: 1 of	1
BUD, ROSE 355-67-19	996	2B	MA	R 5,19	949 (48)	<a>
IV Fluid						
Additive:	DEXTROSE CEFTRIAXO 70 ml/hr	20% 1666 ML NE 2 GM				
Start Date: Stop Date: Status: Order #8740	PENDING					
+ Enter the nu	mbers of	the items you wis	sh to ac	t on.		>>>
+ Next Screen	UP	Up a Line			Display(On	/Off)
- Previous Screen	DN	Down a Line	PS P	rint S	Screen	
FS First Screen		Go to Page			Data	
LS Last Screen	SL	Search List	Q C	lose		
Select Action: Close	2//					

Meds Change View

Change View in Meds lets you change your view from Inpatient to Outpatient or to change the date range.

```
Select: Next Screen// CV Change View ...

Date range Save as Preferred View
List Outpatient Meds Remove Preferred View

Select attribute(s) to change: L List Outpatient Meds
```

Outpatient Medications Apr 30, 1997 17	7:18:05 Page: 1 of 1
BUD, ROSE 355-67-1996 2B	MAR 5,1949 (48) <a>
Attend: WELBY,M PrimCare: DEFA,T	PCTeam: CURTTEAM
Medication	Expires Status #Rem
<pre>1 WARFARIN 2.5MG Sig: TAKE 1 TABLET(S) 2-3 TIMES A DAY AS</pre>	04/29/98 active
NEEDED 2 AMINOPHYLLINE 100MG	03/28/98 suspended 0
Sig: TAKE 2 TABLETS FOUR TIMES A DAY FOR 60 DAYS	
	'
+ Enter the numbers of the items you v	rish to act on. >>>
NW Order New Medications CV Change View . IV Order New IV Fluids CC Chart Content	
+ Next Screen	20 2 01050 1401010 011410
Select: Chart Contents//	

Note: The Active status for outpatient meds will display as "active (susp)" to improve clarity.

Labs

You can review and order Labs either through the Labs tab in Chart Contents or through the Add New Orders option on the Orders tab.

Cover Sheet Mar 23, 1997 18:36:3	6 Page: 1 of 2
ANDERSON, H C 321-12-3456 2B JA	N 1,1951 (46) <cw></cw>
Attend: WELBY,M PrimCare: DEFA,T PCTeam	m: CURTTEAM
Item	<u>Entered</u>
Allergies/Adverse Reactions	
1 Moderate reaction to STRAWBERRIES (rash)	10/23/95
Patient Postings	00/04/05 00:00
2 CRISIS NOTE	02/24/97 08:28
3 CLINICAL WARNING	01/15/97
Recent Vitals	
B/P: 120/80	02/24/97 11:45
Ht: 70	02/24/97 11:45
Pulse: 80	02/24/97 11:45
	02/21/5/11/13
Immunizations	
Tuberculosis.	02/24/97 12:00
+ Enter the numbers of the items	you wish to act on.
Cover Sheet Orders Imaging	Reports
Problems Meds Consult	S
Notes Labs D/C Sum	maries
Select chart component: L Labs	
Searching for the patient's chart	

Lab Cumula	ative Disp	lay	Apr 08.	1997 17:2	3:59	Page:	1 of	3
		12-3456						
1		PrimCare:				, ,		
		CHEM PR	OFILE	-				
		04/02/97						
	17.03	16:58	Units	Ranges				
CREAT			ma/dL	.9-1.4				_
BUN			_	11-24				
GLUCOSE	1666 н*		_	60-123				
NA			_	135-145				
K			meq/L	3.8-5.3				
CL			meq/L	100-108				
CO2			meq/L	23-31				
CA			mg/dL	9-11				
PO4			mg/dL	2.2-3.9				
URIC AC			mg/dL	4.2-8.5				
+	Enter the	numbers o	f the ite	ms you wis	h to ac	t on.	>	>>
NW Order N	New Lab Te	sts CV Cha	nge View	SP S	elect N	ew Patie	nt	
		CC Cha:						
Select: No	ext Screen	1//						

Lab Change View

Change View in Lab lets you change the date range to be displayed, to go to a specific section of Lab to see results, or to use a list format for display. Examples of the Go To a Section and List Format are shown here.

Lab	Cum	ılative	e Dis	play		Apr 09,	1997 07:50:	15	Page:	1 (of 3
ANDE	ERSO	1,H C	321	-12-3456	5	21	3	JA	N 1,1951	(46)	<cwa></cwa>
Atte	end:	WELBY,	, M	PrimCa	are:	DEFA,T	PCTeam:	CURT	TEAM		
						CHEM	PROFILE	-			
SERU	JM	04/02	2/97	04/02/9	97		Reference				
		17:0)3	16:58		Units	_				
CREA	 AT						.9-1.4				
BUN						_	11-24				
GLUC	COSE	1666	5 H*			mg/dL	60-123				
NA						meq/L	135-145				
K						meq/L	3.8-5.3				
CL						meq/L	100-108				
CO2						meq/L	23-31				
CA							9-11				
PO4						mg/dL	2.2-3.9				
	C AC						4.2-8.5				
							ou wish to				>>>
							Jiew				
AD	Add	New Or	rders		CC	Chart Co	ontents	Q	Close P	atient	c Chart
Sele	ect:	Next S	Scree	n// CV							

Go To a Section Example:

```
Select: Next Screen// CV
                           Change View ...
 Date range
                           Go to Section
                                                      Remove Preferred View
 Use list format
                            Save as Preferred View
Select attribute(s) to change: G Goto a Section
Select Lab Section: ?
Enter the lab section from which to wish to see results; the display will
scroll to the top of the selected section.
Select Lab Section: ??
Choose from:
 BLOOD BANK
  CHEM PROFILE
 MICROBIOLOGY
Select Lab Section: B BLOOD BANK
```

Go To a Section Example, cont'd:

```
        Lab Cumulative
        Display
        Apr 09, 1997 07:53:02
        Page: 3 of 3

        ANDERSON,H C 321-12-3456
        2B JAN 1,1951 (46)
        <CWA>

        Attend: WELBY,M PrimCare: DEFA,T PCTeam: CURTTEAM

                                                                     Page: 3 of 3
                                   ---- BLOOD BANK ----
ABO Rh: A POS
                                                       Exp date
      Unit assigned/xmatched:
                CPDA-1 RED BLOOD CE A POS APR 28, 1995 Blood Bank
                           Units Request date Date wanted Requestor
                                                                                           Ву
Component requests
CPDA-1 RED BLOOD CELLS 4 03/29/95 16:33 03/29/95 16:33 KIL

ACD-A RED BLOOD CELLS 2 02/22/95 16:29 02/23/95 08:00 BOB
                                                                                            DM
                         |--- AHG(direct) ---| |-AHG(indirect)- |
   Date/time ABO Rh POLY IgG C3 Interpretation (Antibody screen)
       Enter the numbers of the items you wish to act on.
NW Order New Lab Tests CV Change View ... SP Select New Patient AD Add New Orders CC Chart Contents ... Q Close Patient Chart
Select: Chart Contents// CV
                               Go To a Section
Date range
                                                                Use list format
Select attribute(s) to change: U  Use list format
Searching for the patient's chart ...
```

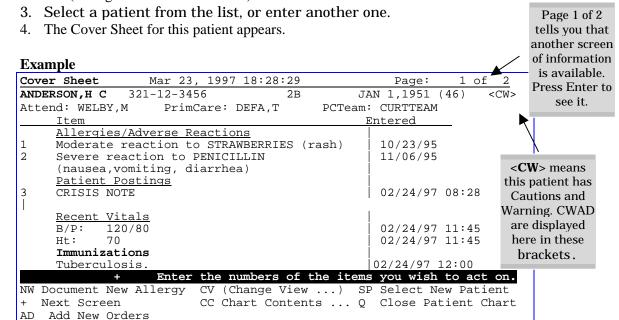
Use List Format Example:

Use List Format Example	ie:	
Lab Tests	Apr 09, 1997 07:53:5	56 Page: 1 of 1
ANDERSON, H C 321-12-3456	6 2в	JAN 1,1951 (46) <cwa></cwa>
Attend: WELBY,M PrimCa	are: DEFA,T PCTea	am: CURTTEAM
Test Result Unit	ts Range Co	ollected Accession Sts
	, -	2970402.1703 CH 0402 14 F
2 MG 33 H mg/	/dL 2-2.6 2	2970402.16582 CH 0402 13 F
NW Order New Lab Tests	_	SP Select New Patient
AD Add New Orders	CC Chart Contents	. Q Close Patient Chart
Select: Chart Contents//		

Consults

You can enter, edit, and review consult and procedure requests through CPRS.

- 1. Go into the Clinician Menu and select OE for CPRS Clinician Menu.
- 2. The patient selection screen appears, with your personal patient list if you've created one (through Personal Preferences).



5. Choose Chart Contents and then Consults (**Shortcut:** CC:CONS).

Select: Next Screen// CC

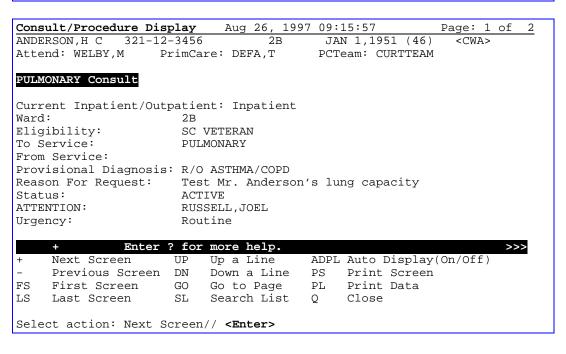
6. The Consults screen appears with a list of consults for this patient, and possible actions you can perform at this time (e.g., .order a new consult or procedure).

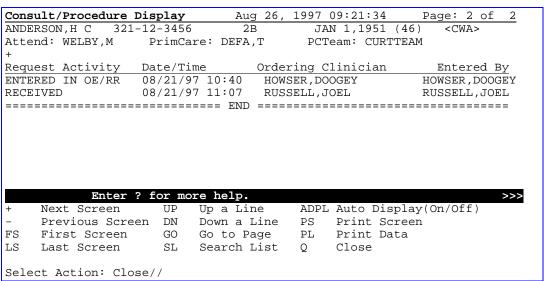
Consults/Requests Aug 26, 1997	09:05:27 Page: 1 of 2
ANDERSON, H C 321-12-3456 2B	JAN 1,1951 (46) <cwa></cwa>
Attend: WELBY,M PrimCare: DEFA,T	PCTeam: CURTTEAM
Selected date ran	ge: None Selected
Consult/Procedure	Requested Status
1 PULMONARY Consult	08/21/97 10:40 active
2 Electrocardiogram	07/21/97 14:47 complete
3 NEUROLOGY Consult	07/17/97 09:16 pending
4 Electrocardiogram	06/19/97 04:10 complete
5 CARDIOLOGY Consult	06/05/97 15:54 complete
+ Enter the numbers of the items y	ou wish to act on. >>>
NW Order New Consult CV Change Vi	ew SP Select New Patient
NP Order New Procedure CC Chart Con	tentsQ Close Patient Chart
+ Next Screen	
Select: Next Screen//	

Consults, cont'd

7. You can also see more details about any of the consults listed, view results for completed consults, or you can print the Consult Form 513, by entering the number of one of the consults and then the appropriate action's initial.

Select: Chart Contents// 1
Detailed Display Results Display Print Consult Form 513
Select Action: D





Results Display

```
Consult/Procedure Display Aug 30, 1997 09:02:16 Page: 1 of
ANDERSON, H C 321-12-3456
                                       2B JAN 1,1951
PCTeam: CURTTEAM
                                              JAN 1,1951 (47)
Attend: WELBY,M
                    PrimCare: DEFA,T
PULMONARY Consult
At the time I went to examine Mr. Anderson, he was acutely broncho-
spastic and in moderately severe respiratory distress. I had him
deliver a puff of albuterol with an Aerochamber; his technique was
poor. I then instructed him and delivered an additional four puffs,
which he did with good technique. He was improved and with a clear
lung exam within a few seconds (though wheezes were still present
on forced expiration).
Mr. Anderson regimen is lacking in inhaled corticosteroids. Recognizing
that asthma is an inflammatory process, inhaled steroids are important
               Enter ? for more help.
                        UP Up a Line ADPL Auto Display(On/Off)
DN Down a Line PS Print Screen
GO Go to Page PT Print Data
SL Search List Q Close
    Next Screen
    Previous Screen
   First Screen
FS
   Last Screen
Select action: Next Screen// <Enter>
```

```
Consult/Procedure Display Aug 30, 1997 09:02:16 Page: 1 of
                  12-3456 2B JAN 1,1951 (47)
PrimCare: DEFA,T PCTeam: CURTTEAM
ANDERSON, H C 321-12-3456
Attend: WELBY,M
PULMONARY Consult
in controlling the inflammtory response. My practice for severely
out-of-control asthmatics is to use high-dose inhaled steroids,
typically vanceril, 16 puffs qid, with a spacing device such as the
Aerochamber. I would institute such a regimen while he is here.
If you like, you may refer Mr. Anderson to my clinic after discharge.
/es/Doogey Howser, MD
                           Date: SEP 02, 1997
______
        Enter ? for more help.
                       OF Up a Line ADPL Auto Display(On/Off)
DN Down a Line PS Print Screen
GO Go to Page PT Print Data
SL Search List O Close
    Next Screen
                     UP Up a Line
    Previous Screen
    First Screen
FS
    Last Screen
LS
Select action: Next Screen//
```

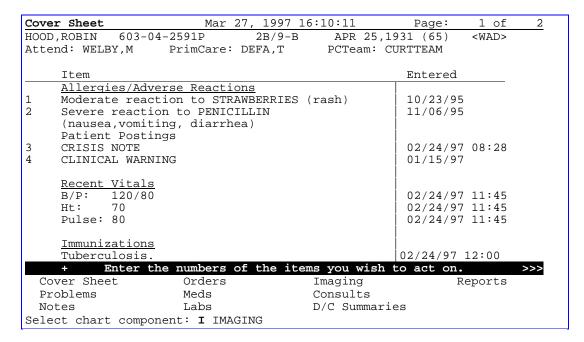
- **8.** You can now print a 513, order new consults or procedures, return to Chart Contents, select a new patient, or exit from the patient's chart.
- **▼ NOTE**: Occasionally a consult result is linked to the wrong consult. Information on how to make corrections is contained in the Consult/Request Tracking documentation.

Imaging

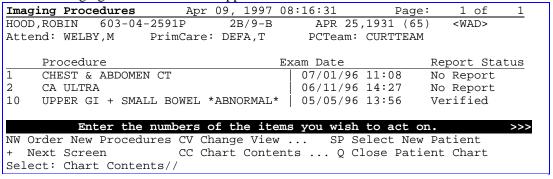
You can review Radiology results by choosing the Imaging tab in Chart Contents or by selecting Results Reporting from the Clinician menu. You can also order new tests through the Imaging tab or by going through the Add New Orders option on the Orders tab.

To review Radiology Results:

- 1. After selecting a patient, select Chart Contents and then the Imaging tab.
- 2. The following screen appears:



3. The Imaging Procedures screen appears:



Imaging, cont'd

Change View

The Change View action in Imaging lets you change your view to a different date range or a smaller number of items.

```
Select: Chart Contents// CV Change View ...

Date range Maximum # of items

Select attribute(s) to change: M Maximum # of items

Maximum # of items to display: 5

Searching for the patient's chart ...
```

bearening for the patrent b thate	
<pre>Imaging Procedures</pre>	8:22:37 Page: 1 of 1
HOOD, ROBIN 603-04-2591P 2B/9-B	
Attend: WELBY,M PrimCare: DEFA,T	PCTeam: CURTTEAM
Procedure	Exam Date Report Status
1 CHEST & ABDOMEN CT	07/01/96 11:08 No Report
2 CA ULTRA	06/11/96 14:27 No Report
3 FOOT 3 OR MORE VIEWS	06/11/96 14:25 No Report
4 ABDOMEN & PELVIS W & WO IV CONTRAST	06/09/96 10:11 Verified
ABNORMAL	
5 HAND 1 OR 2 VIEWS *ABNORMAL*	06/05/96 13:05 Verified
Enter the numbers of the items yo	ou wish to act on. >>>
NW Order New Procedures CV Change View .	SP Select New Patient
+ Next Screen CC Chart Content	s Q Close Patient Chart
Select: Chart Contents//	

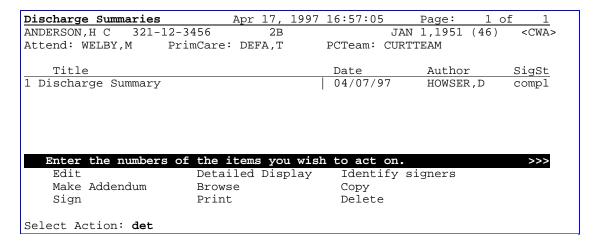
D/C Summaries

You can review, edit, and write new Discharge Summaries through CPRS.

- 1. Select D/C Summaries from Chart Contents.
- 2. If one or more Discharge Summaries are listed, select a number of one you wish to review or take action on. If you pick Detailed Display, the entire Discharge Summary is displayed (screen-by-screen) in the List Manager list area.

```
Completed Discharge Summaries Mar 23, 1997 18:51:40
                                                      Page: 1 of
                                              JAN 1,1951 (46)
ANDERSON, H C 321-12-3456
                                                                <CW>
                                  PCTeam: CURTTEAM
Attend: WELBY,M PrimCare: DEFA,T
Title
                                          Date
                                                          Sig Status
                                        01/28/97 completed
    Discharge Summary
          Enter the numbers of the items you wish to act on
NW Write New Summary
                       CV Change View ...
                                            SP Select New Patient
                       CC Chart Contents ... Q Close Patient Chart
AD Add New Orders
Select: Chart Contents// 1
```

3. New actions are displayed on the screen; select one of these.



Discharge Summary Detailed Display Example

```
Discharge Summary Display
                             Apr 17, 1997 17:24:30
                                                               Page: 1 of
ANDERSON, H C 321-12-3456
                                                          JAN 1,1951 (46)
   DICT DATE: APR 07, 1997
                                      ENTRY DATE: APR 08, 1997@10:07:15
DICTATED BY: HOWSER, DOOGEY
                                       ATTENDING: RUSSELL, JOEL
     URGENCY: routine
                                          STATUS: COMPLETED
DIAGNOSIS:
1. Status post head trauma with brain contusion.
2. Status post cerebrovascular accident.

    End stage renal disease on hemodialysis.
    Coronary artery disease.

5. Congestive heart failure.6. Hypertension.
7. Non insulin dependent diabetes mellitus.
   Peripheral vascular disease, status post thrombectomies.
8.
           Enter ? for more help.
                                                                                    >>>
   Next Screen
                          UP Up a Line
                                                     PS Print Screen
   Previous Screen
                          DN Down a Line
                                                     PL Print Data
FS First Screen
                          GO Go to Page
                                                     Q Close
LS Last Screen
                          SL Search List
Select Action: Next Screen// <Enter>
Discharge Summary Display Apr 17, 1997 17:25:30
                                                              Page:
                                                                     2 of
                                                         JAN 1,1951 (46)
ANDERSON,H C
               321-12-3456
                                        2B
9. Diabetic retinopathy.
10. Below knee amputation.
11. Chronic anemia.
OPERATIONS/PROCEDURES: None.
HISTORY OF PRESENT ILLNESS:
Patient is a 49\text{-year-old}, white male with past medical history of end stage
renal disease, peripheral vascular disease, status post BKA, coronary artery
disease, hypertension, non insulin dependent diabetes mellitus, diabetic
retinopathy, congestive heart failure, status post CVA, status post
thrombectomy admitted from Anytown VA after a fall from his wheelchair in the
hospital. He had questionable short lasting loss of consciousness but patient
is not very sure what has happened. He denies headache, vomiting, vertigo.
On admission patient had CT scan which showed a small area of parenchymal
hemorrhage in the right temporal lobe which is most likely consistent with
hemorrhagic contusion without mid line shift or incoordination.
ACTIVE MEDICATIONS: Isordil 20 mgs p.o. t.i.d., Coumadin 2.5 mgs p.o. qd, ferrous sulfate 325 mgs p.o. b.i.d., Ativan 0.5 mgs p.o. b.i.d., Lactulose 15
ccs p.o. b.i.d., Calcium carbonate 650 mgs p.o. b.i.d. with food, Betoptic
0.5% ophthalmologic solution gtt OU b.i.d., Nephrocaps 1 tablet p.o. qd,
Pilocarpine 4% solution 1 gtt OU b.i.d., Compazine 10 mgs p.o. t.i.d. prn
nausea, Tylenol 650 mgs p.o. q4 hours prn.
Patient is on hemodialysis, no known drug allergies.
PHYSICAL EXAMINATION: Patient had stable vital signs, his blood pressure was
          Enter ? for more help.
    Next Screen
                           UP
                               Up a Line
                                                     PS
                                                          Print Screen
                          DN Down a Line
    Previous Screen
                                                     PL Print Data
FS First Screen
                           GO Go to Page
                                                      Q
                                                         Close
LS Last Screen
                          SL Search List
Select Action: Next Screen//Q
```

Reports

You can view or print reports and results from either the Results Reporting option on the Clinician Menu or from the Reports tab on the Chart Contents screen. The Reports tab only lets you print for individual patients. The RR option lets you select more than one patient at a time.

Reports Tab Example:

Shortcut: Select CC;R

Cover Sheet	Mar 27	1997 17:41:44	Page: 1	of 2		
ANDERSON, H C 321-1	2-3456		L,1951 (46) <cwa></cwa>			
Attend: WELBY,M PrimCare: DEFA,T PCTeam: CURTTEAM						
Accena. WEDBI,M	FIIMCALE: DEF	A,1 FCIEAIII:	CONTILAM			
Item			Entered			
Allergies/Adver	se Reactions					
		RRIES (rash)	10/23/95			
110001000 100001	.011 00 0111111121	(10011)	1 10, 20, 30			
Patient Posting	rs					
4 CRISIS NOTE	<u> </u>		02/24/97 08:28			
<u>Recent Vitals</u>						
B/P: 120/80			02/24/97 11:45			
Pulse: 80			02/24/97 11:45			
<u> Immunizations</u>						
Tuberculosis.			02/24/97 12:00			
+ Enter t	he numbers of	the items you wi	ish to act on.	>>>		
Cover Sheet	Orders	Imaging	Reports			
Problems	Meds	Consults				
Notes	Labs	D/C Summar	ries			
Select chart compone	ent: R					
Searching for the pa	tient's chart					

Reports Jun 11, 1997 16:24:2	8 Page:	1 of 2
ANDERSON, H C 321-12-3456 2B	JAN 1,1951 (46)	<cwa></cwa>
Attend: WELBY,M PrimCare: DEFA,T		
Selected date range: 06	/11/96 thru 06/11/97	
Report	Date	Status
1 Health Summary	ļ	
2 Adhoc Health Summary		
3 Vitals Cumulative		
T - 1-		
Lab Lab Cumulative		
5 Lab Results by Day		
6 Lab Results by Test		
7 Lab Test Status	i	
8 Lab Graph		
9 Blood Bank Report		
10 Anatomic Path Report	İ	
-		
Orders	į	
11 Daily Order Summary		
+ Enter the numbers of the item	s you wish to act on.	>>>
OR Other Reports CV Change View .		
AD Add New Orders CC Chart Content	s Q Close Patient	Chart
Select: Next Screen// <enter></enter>		

Reports, cont'd

```
Jun 11, 1997 16:43:47
Reports
                                                       Page:
ANDERSON, H C 321-12-3456 2B
                                         JAN 1,1951 (46)
                                                            <CWA>
Attend: WELBY,M PrimCare: DEFA,T
                                         PCTeam: CURTTEAM
               Selected date range: 06/11/96 thru 06/11/97
    Report
                                              Date
                                                                 Status
12
     Order Summary for Date Range
13
    Custom Order Summary
14
    Chart Copy Summary
15
    Outpatient RX Profile
    Dietetics
   Dietetic Profile
16
    Imaging (08/26/96 \text{ to } 08/26/97, \text{ LIMIT } 10)
     Summary of Patient Procedures
 Enter the numbers of the items you wish to act on.
OR Other Reports ... CV Change View ... SP Select New Patient
AD Add New Orders
                     CC Chart Contents ... Q Close Patient Chart
Select: Chart Contents// 2
```

Lab Cumulative Example

```
Report Display
                        Mar 27, 1997 17:44:44
                                                  Page:
                                                          1 of
ANDERSON, H C 321-12-3456
                                   2B
                                          JAN 1,1951 (46) <CWA>
Attend: WELBY, M
                                     PCTeam: CURTTEAM
                PrimCare: DEFA,T
Lab Cumulative
                          ---- BLOOD BANK ----
ABO Rh: A POS
                                         Exp date
    Unit assigned/xmatched:
                                                         Loc
1) V11111 CPDA-1 RED BLOOD CE A POS APR 28, 1995
                                                         Blood Bank
Component requests Units Request date Date wanted Requestor
CPDA-1 RED BLOOD CELLS
                     4 03/29/95 16:33 03/29/95 16:33 KIL
ACD-A RED BLOOD CELLS
                       2
                          02/22/95 16:29 02/23/95 08:00 BOB
                                                                 DM
                          |--- AHG(direct) --- |-
AHG(indirect)-
  Date/time
                ABO Rh POLY IgG C3 Interpretation (Antibody screen)
         Enter ? for more help.
                       UP
                           Up a Line
                                               PS
   Next Screen
                                                   Print Screen
   Previous Screen
                       DN Down a Line
                                               PL Print Data
FS First Screen
                       GO Go to Page
                                               Q
                                                   Close
LS Last Screen
                       SL Search List
Select Action: Next Screen// <Enter>
```

Dietetic Profile Example

```
Report DisplayMarANDERSON,H C321-12-3456
                          Mar 27, 1997 17:45:21
                                                     Page:
                                                JAN 1,1951 (46)
                                      2B
                                                                 <CWA>
                                    PCTeam: CURTTEAM
Attend: WELBY, M PrimCare: DEFA, T
Dietetic Profile
No Food Preferences on file
Current Diet: REGULAR
Service: Tray
Tubefeed Ordered: 11-Sep-96 2:35pm
Product: ENSURE PLUS, Full Str., 8 OZ Three times a Day
Total Quantity: 708 cc
                                        Total KCAL: 1062
Supplemental Feeding: No Order
No future Diet Orders exist
No future Early or Late Trays ordered
No Active Standing Orders
No Active Consultations for this Admission
  Enter ? for more help.
Next Screen UP Up a
                                                                    >>>
                         UP Up a Line
                                                  PS Print Screen
- Previous Screen DN Down a Line
                                                  PL Print Data
FS First Screen
                        GO Go to Page
                                                  Q Close
                        SL Search List
LS Last Screen
Select Action: Close//
```

Reports, cont'd

Health Summary Example

	03/23/97 18:26				

AN.	DERSON,H C 321-12-3456 2B		DOB: 01/01/51		
	DEM - Demographics				
		Phone: 801			
	SALT LAKE CITY, UTAH 84101 C	County: SAL	T LAKE		
	Marital Status: MARRIED Age: 46				
	Religion: PROTESTANT, NO DENOMINATION	Sex: FEM	ALE		
	Occupation: Computer Wizz S/C %:				
	PLL - Active/Inactive				
		roblems			
	PROBLEM 250.41-DIABETES W RENAL MANIFES TYP I; Type I		PROVIDER		
A	diabetes mellitus with renal manifestations, Onset	07/19/95	ROWE, RIMBALL		
А	07/19/95 411.1-INTERMED CORONARY SYND; Angina, Unstable,	06/17/96	GREEN, JOANN		
	Onset 06/10/96		·		
А	305.00-ALCOHOL ABUSE-UNSPEC; ALCOHOL ABUSE	06/20/96	ROWE, KIMBALL		
A	305.00-ALCOHOL ABUSE-UNSPEC; Alcohol Abuse	06/20/96	ROWE, KIMBALL		
А	079.99-UNSPEC VIRAL INFE; Four Corner Virus, Onset	07/03/96	ROWE, KIMBALL		
	07/03/96		,		
А	424.1-AORTIC VALVE DISORDER; AORTIC STENOSIS,	07/03/96	GARDNER, ANNE		
	Onset 07/03/96				
A	250.00-DIABETES MELLI W/O COMP TYP II; DIABETES	07/29/96	ROWE, KIMBALL		
ST	PROBLEM	LAST MOD	PROVIDER		
	MELLITUS, Onset 07/29/96				
Α	414.00-COR ATHEROSCL UNSP TYP-VES; 414.00, Onset	08/19/96	ROWE, KIMBALL		
	08/19/96				
A	886.0-AMPUTATION FINGER; Amputation of two digits	01/28/97	ROWE, KIMBALL		
	of one hand including the index and little fingers, Onset 01/28/97				
Α	730.00-AC OSTEOMYELITIS-UNSPEC; Acute osteomyelitis, Onset 01/28/97	01/28/97	ROWE, KIMBALL		
А	401.9-HYPERTENSION NOS; Systolic hypertension,	02/18/97	ROWE, KIMBALL		
	Onset 02/18/97				
	**DRAFT COPY - DRAFT COPY ABOVE ADDENDUM IS UNSIGNED				
1	* END *				
Pr	Press <ret> to continue, ^ to exit, or select component:</ret>				

Results Reporting

You can print reports for multiple patients (e.g., all of the patients in a ward, or all of a patients on a Personal or Team List) through the Results Reporting option on the Clinician Menu.

Order Summary for Date/Time Range Example

```
CPRS Clinician Menu
             Results Reporting Menu
   AD
             Add New Orders
   RΩ
            Act On Existing Orders
             Personal Preferences ...
Select Clinician Menu Option: Results Reporting Menu
                                    1A ward list
   DOE, WILLIAM C. (6572) A-2 9 REGISTER, N P (9200) B-2 FEET, SMELL E. (1990) ~ 10 SCHWARTZ, ARNOLD (9022) ~ HOOD, ROBIN (2591) ~ 11 SIMPSON, HOMER (9999) A-5 KIMINATOR, THE (3241) ~ 12 STONE, JERRY (2432) A-6 LAY, FRITO (8333) B-5 13 TRAT, JACK (2342) B-1 MUFFET, L M (7689) B-4 14 WINCHESTER, C E (0167) ~ NEW, PATIENT (1234) ~ 15 ZORRO, MIGUEL (1414) B-3 NIVEK, SIGMA (2379) ~
3
5
6
Select Patient(s): 12-13 STONE, JERRY
                                                           (2432) A-6
                                   TRAT, JACK
                                                           (2342) B-1
                   RESULTS REPORTING
                                    --- Main Results Menu ---
   Health Summary
                                                     8 Daily Order Summary
   Lab Results (Interim)
Graph Lab Tests
Blood Bank Pencit
                                                   9
                                                          Order Summary for Date/time Range
2
                                                   10 Customized Order Summary
11 Print Chart Copy Summary
3
                                                  11 Print Chart Copy Summa
12 Work Copy Summary
13 Outpatient RX Profile
      Blood Bank Report
                                                            Print Chart Copy Summary
      Anatomic Pathology Report
5
6
     Vitals Cumulative Report
      Vitals SF511 Report
                                                    14 Inpatient Medications Profile
Select Item(s): 9 Order Summary for Date/time Range
                          --- Order Summary for Date/time Range ---
Start Date [Time]: T// t-30 (OCT 26, 1997)
Ending Date [Time] (inclusive): OCT 26, 1997 23:59// t (NOV 25, 1997)
DEVICE: HOME// ALPHA
```

Order Summary for Date/Time Range Example, cont'd

ORDER SUMMAR	3		Mark (lb). NO
	234-33-2432 1A/A-6 Item Ordered	MAR 5,1933 (64) Requestor	Wt (1b): NF Start Stop
========			=========
11/07/97 do 14:52	CHEST 4 VIEWS LEFT	ANDERSON,C PHYSICIAN	11/07 11/07 14:56
11/07/97 14:54	Discontinue CHEST 4 VIEWS LEFT	GREEN,J	11/07 11/07 14:56
11/10/97 c 14:10	Consult to PULMONARY Bedside	ARCENEAU,C	11/10 11/12 14:11 13:59
11/17/97 a 10:18	ECHO Bedside	11 11	11/17 11:23
11/17/97 c 11:19	ERCP Bedside	11 11	11/17 11/17 11:23 11:26
11/21/97 c 13:54	Consult to PULMONARY Bedside	ARCENEAU, C	11/21 11/24 13:55 09:54
11/24/97 u 16:43	CHEST & ABDOMEN CT *UNSIGNED*	GREEN, J	
11/24/97 u 16:43	NPO Diet *UNSIGNED*	II II	UNRELEASED*
* END OF ORI	ERS *	•	UNKELEASED*
========		=======================================	========
Press RETURN	to continue, '^' to exit:		
Ord'd St	ORDER SUMMARY 234-24-2342 1A/B-1 Item Ordered	FEB 3,1923 (74) Requestor	Start Stop
11/07/97 p 07:40	Consult to Pulmonary Bedside	ARCENEAU, C	11/07 07:45
11/14/97 u 09:28	Consult to PULMONARY Bedside *UNSI	"	
		*	UNRELEASED*
11/14/97 do 10:17	e Consult to PULMONARY Bedside	11 11	11/14 11/14 10:18 10:30
11/24/97 18:23	Discontinue Consult to Cardiology	Bedside CARLSON-,N	11/24 18:23
	* END OF ORDERS	*	
========			========

Personal Preferences

You can change many of the parameters that control the way CPRS works for you. The Personal Preferences Menu on your Clinician Menu contains sub-menus that may allow you to change which notifications and order checking messages you get, the team or personal lists you will use, and the default patients you'll have.

Personal Preferences Menu

Option or Menu	Description
GUI Cover Sheet Display	This option lets you modify the default number of days to
Parameters	display on the cover sheet.
Notification Mgmt Menu	This menu contains an option that allows you to review the notifications you should be currently receiving. You may also have an option for adding or removing notifications to those you are scheduled to receive (whether you have this depends on local site set-up). Use this option to turn notifications on or off. You may also be able to remove all of your existing notifications via a purge option.
Order Checking Management Menu	This menu contains one or two options (depending on local set-up) which allow you to check which order checks you get and possibly to set parameters for order checking.
Personal Patient List Menu	Options on this menu allow clinicians to create patient lists by ward, clinic, or by patient to use for displaying results or creating reports. You can build lists, delete lists, merge lists, add or remove patients from lists, or inquire to a file of patient lists.
Patient Selection Preference	This menu allows you to set default parameters for patient
Mgmt	lists.
Display Patients Linked to Me	This option displays patients linked to the current user via
via Teams	teams from the OE/RR LIST file [#100.21].
Display My Teams	This option displays teams linked to the current user.

To access the Personal Preferences Menu:

```
CPRS Clinician Menu
         Results Reporting Menu
  RR
  AD
         Add New Orders
  RO
         Act On Existing Orders
         Personal Preferences ...
Select Clinician Menu Option: PP Personal Preferences
         GUI Cover Sheet Display Parameters
  NO
         Notification Mgmt Menu ...
  OC
         Order Checking Mgmt Menu ...
         Personal Patient List Menu ...
  PL
  PS
         Patient Selection Preference Mgmt ...
  PT
         Display Patients Linked to Me via Teams
  TM
         Display My Teams
Select Personal Preferences Option:
```

GUI Cover Sheet Display Parameters

Example

```
Select Personal Preferences Option: cs GUI Cover Sheet Display Parameters
GUI Cover Sheet - User for User: GREEN, JOANN
______
Inpatient Lab Number of Days to Display
Outpatient Lab Number of Days to Display
                                             120
Appt Search Start Date
                                             T-30
Appt Search Stop Date
                                             T-30
Visit Search Start Date
Visit Search Stop Date
                                             T+60
Clincal Reminders for Search 10
                                             VA-INFLUENZA VACCINE
Inpatient Lab Number of Days to Display: 60//
Outpatient Lab Number of Days to Display: 120//
Appt Search Start Date: T-30//
Appt Search Stop Date: T+60//
Visit Search Start Date: T-30//
Visit Search Stop Date: T+60//
For Clincal Reminders for Search -
Select Display Sequence: ?
    Display Sequence
                               Value
    _____
                                VA-INFLUENZA VACCINE
Select Display Sequence: 12
Are you adding 12 as a new Display Sequence? Yes// <Enter> YES
Display Sequence: 12// <Enter>
                             12
Clinical Reminder: Tetanus Diptheria (TD-Adult) VA-*TETANUS DIPTHERIA
IMMUNIZATION
For Clincal Reminders for Search -
Select Display Sequence: <Enter>
```

Notification Mgmt Menu Options

The following options may be available on your Personal Preference Menu, depending on how your local coordinators have set up your menus.

Option	Description
Enable/Disable My Notifications	If you have this option, you can indicate that a
	notification should not be processed for you.
Erase All of My Notifications	Use this option to erase all of your own notifications.
Send me a MailMan bulletin for	Enter Yes to send a bulletin to the order's Current
Flagged Orders	Provider (usually the Ordering Provider) when an order is
	flagged for clarification. This parameter has no effect on
	the Flagged Orders notification which is also triggered
	when an order is flagged for clarification.
Set Notification Display Sort	Method for sorting notifications when displayed in the
Method (GUI)	GUI, including by Patient, Type (Notification name), and
	Urgency. Within these sort methods notifications are
	presented in reverse chronological order.
Send me a MailMan Bulletin for	If this is turned on, a MailMan bulletin is sent to the
Flagged Orders	order's Current Provider (usually the Ordering Provider)
	when the order is flagged for clarification. This parameter
	has no effect on the Flagged Orders notification, which is
	also triggered when an order is flagged for clarification.
Show Me the Notifications I Can	This option displays if and why you are a recipient for
Receive	each notification.
Set Surrogate to Receive My	Sets up a surrogate to receive all notifications (OE/RR
Notifications	alerts) for you.

Show Me the Notifications I Can Receive

```
Select Notification Mgmt Menu Option: 5 Show Me the Notifications I Can
Receive
Would you like help understanding the list of notifications? No// (No)
This will take a moment or two, please stand by.....
DEVICE: HOME//
                        ALPHA
                   Notification List for GREEN, JOANN
                                                                                          Page: 1
Notification
                                                ON/OFF For This User and Why
ABNORMAL IMAGING RESULTS

ABNORMAL LAB RESULT (INFO)

ABNORMAL LAB RESULTS (ACTION)

ADMISSION

CONSULT/REQUEST CANCEL/HOLD

CONSULT/REQUEST RESOLUTION

CONSULT/REQUEST RESOLUTION

CRITICAL LAB RESULT (INFO)

CRITICAL LAB RESULTS (ACTION)

DECEASED PATIENT

ON System value is Mandatory

ON No Disabled values found

ON No Disabled values found

ON User value is Enabled

ON No Disabled values found
                                                  -----
DECEASED PATIENT
                                                 ON No Disabled values found
                                                 ON No Disabled values found
DISCHARGE
                                                 OFF OERR value is Disabled ON No Disabled values found
DNR EXPIRING
ERROR MESSAGE
FLAGGED ORDERS

ON No Disabled values found
FOOD/DRUG INTERACTION

ON No Disabled values found
Press RETURN to continue or '^' to exit:
```

Show Me the Notifications I Can Receive, cont'd

Notification List for	GREE	N,JOANN Page:	2
FREE TEXT	ON	No Disabled values found	
IMAGING PATIENT EXAMINED	ON	No Disabled values found	
IMAGING REQUEST CANCEL/HELD	ON	No Disabled values found	
IMAGING RESULTS	ON	No Disabled values found	
IMAGING RESULTS AMENDED	ON	No Disabled values found	
LAB ORDER CANCELED	ON	Division value is Mandatory	
LAB RESULTS	OFF	System value is Disabled	
MEDICATIONS EXPIRING	OFF	OERR value is Disabled	
NEW ORDER	ON	No Disabled values found	
NEW SERVICE CONSULT/REQUEST	ON	No Disabled values found	
NPO DIET MORE THAN 72 HRS	OFF	OERR value is Disabled	
ORDER CHECK	OFF	OERR value is Disabled	
ORDER REQUIRES CHART SIGNATURE	OFF		
ORDER REQUIRES CO-SIGNATURE	ON	No Disabled values found	
ORDER REQUIRES ELEC SIGNATURE	ON	User value is Enabled	
ORDERER-FLAGGED RESULTS	OFF	OERR value is Disabled	
SERVICE ORDER REQ CHART SIGN	ON	No Disabled values found	
SITE-FLAGGED ORDER	OFF	OERR value is Disabled	
SITE-FLAGGED RESULTS	OFF	OERR value is Disabled	
STAT IMAGING REQUEST	OFF	Division value is Disabled	
STAT ORDER	OFF	OERR value is Disabled	
STAT RESULTS	ON	User value is Enabled	
TRANSFER FROM PSYCHIATRY	OFF	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
UNSCHEDULED VISIT	ON	No Disabled values found	
UNVERIFIED MEDICATION ORDER	OFF		
URGENT IMAGING REQUEST	OFF	OERR value is Disabled	
- End of Report -			

Explanations of ON/OFF For This User and Why

Reason	Explanation	
Division/System value is	Either the site or the CPRS package determined that a	
Mandatory	notification is mandatory for either a division or a hospital.	
OERR value is Mandatory	The notification is exported as mandatory.	
OERR value is Disabled	The site disabled the mandatory status of an exported	
	notification.	
No Disabled values found	No one (a manager, coordinator, or user) has disabled this	
	notification.	
User value is Disabled	A manager, coordinator, or user disabled this notification for this	
	user.	

Disabling a Notification Example

The process for disabling a notification seems counter-intuitive. When the program asks if you want to add a new Notification, logically you'd want to say "No," but the program is really asking if you want to add a new notification to a temporary list for consideration about enabling or disabling. The program is using a generic FileMan call—we hope that in the near future a more user-friendly utility will be written for this option.

Select Personal Preferences Option: NO NOTIFICATIONS MGMT MENU Select Notification Mgmt Menu Option: 1 Enable/Disable Notifications

Enable/Disable My Notifications

------Getting for User: GREEN, JOANN ----------

Select Notification: ?

Notification Value
----LAB RESULTS Disabled
ORDER REQUIRES ELEC SIGNATURE Mandatory
CRITICAL LAB RESULT (INFO) Mandatory
STAT RESULTS Mandatory
FREE TEXT Disabled

Answer with OE/RR NOTIFICATIONS NUMBER, or NAME, or PACKAGE ID, or MESSAGE TEXT, or RECIPIENT USERS

Do you want the entire 41-Entry OE/RR NOTIFICATIONS List? ${\bf N}$ (NO)

Select Notification: ADMISSION

Are you adding ADMISSION as a new Notification? Yes// <Enter> YES

Notification: ADMISSION// <Enter> ADMISSION ADMISSION

Value: Disabled

Select Notification: <Enter>

Order Checking Mgmt Menu

Option	Description
Show Me the Order Checks I Can Receive	This option processes each order check to determine
	if and why you receive an order check message
	during the ordering process.
Enable/Disable an Order Check for Yourself	A list of available order checks is displayed when
	you enter a question mark. You can then select order
	checks to enable or disable.

Enable/Disable an Order Check for Yourself Example

```
Select Clinician Menu Option: PP Personal Preferences
         GUI Cover Sheet Display Parameters
   NO
         Notification Mgmt Menu ...
        Order Checking Mgmt Menu ...
   PL
        Personal Patient List Menu ...
        Patient Selection Preference Mgmt ...
   PS
         Display Patients Linked to Me via Teams
         Display My Teams
Select Personal Preferences Option: Order Checking Mgmt Menu
Select Order Checking Management Option: 1 Enable/Disable an Order Check for
----- Setting PROCESSING FLAG for User: GRIN, JON ------
Select Order Check: ?
 Answer with ORDER CHECKS NAME
 Do you want the entire 18-Entry ORDER CHECKS List? y (Yes)
Choose from:
   ALLERGY-CONTRAST MEDIA INTERAC
   ALLERGY-DRUG INTERACTION
   AMINOGLYCOSIDE ORDERED
   BIOCHEM ABNORMALITY FOR CONTRA
   CLOZAPINE APPROPRIATENESS
   CT & MRI PHYSICAL LIMITATIONS
   DRUG-DRUG INTERACTION
   DUPLICATE DRUG CLASS ORDER
   DUPLICATE DRUG ORDER
   DUPLICATE ORDER
   ERROR MESSAGE
   ESTIMATED CREATININE CLEARANCE
   GLUCOPHAGE-CONTRAST MEDIA
   LAB ORDER FREQ RESTRICTIONS
   MISSING LAB TESTS FOR ANGIOGRA
   ORDER CHECKING NOT AVAILABLE
   POLYPHARMACY
   RECENT BARIUM STUDY
   RECENT ORAL CHOLECYSTOGRAM
  RENAL FUNCTIONS OVER AGE 65
Select Order Check: DUPLICATE DRUG ORDER
Are you adding DUPLICATE DRUG ORDER as a new Order Check? Yes//<Enter>YES
Order Check: DUPLICATE DRUG ORDER// <Enter> DUPLICATE DRUG ORDER
  Value: Enabled// <Enter> Enabled
   Order Check
                                Value
```

You're not really adding a new Order Check, but a new Order Check Value: Enabled.

DUPLICATE DRUG ORDER

Enabled

Personal Patient List Menu

CACs can help set up team lists for groups of clinicians and related hospital personnel. Clinicians can create patient lists by ward, clinic, or by patient to use for displaying results or creating reports. You can build lists, delete lists, merge lists, add or delete patients from lists, or inquire to a file of patient lists.

If you have a list defined and loaded (as determined in the Personal Preferences options), the list will be available every time you select the CPRS Clinician Menu. You then select a patient from the list. This list can also be used for printing reports.

The team lists also help determine who receives notifications for patients defined on the lists.

Name	Synonym	Description
Build Patient List	AD	Options on this menu allow you to create patient lists by
Menu		patient, ward, or clinic. These lists can then be used to
		display results or to print reports, or can be merged with
		other lists.
Delete	DE	When you no longer need a patient list that you have built,
Existing List(s)		you can use this option to delete the list.
Examine/ Print	EX	This option allows you to examine or print an existing
Existing List(s)		patient list.
Load Primary	LO	This option loads into the current session the user's
Patient List		primary patient list.
Merge	ME	This option lets you merge the patients from one or several
Existing Lists		lists together to create a bigger or more comprehensive list.

Build Patient List Menu Example

```
Select Personal Preferences Option: pl Personal Patient List Menu
         Build Patient List Menu ...
        Merge
                           Existing Lists
        Examine/Print
                          Existing List(s)
       Delete Existing List(s)
Load Primary Patient List
  DE
Select Personal Patient List Menu Option: ad Build Patient List Menu
  ON Patient (Add to list)
WA Ward (Add to list)
  WA Ward (Add to list)
CL Clinic (Add to list)
PV Provider (Add to list)
TS Specialty (Add to list)
       Existing Lists (Add to list)
  AL
  CR Clear Current Patient List
  LI Show Current Patient List
  DE Remove Patient(s) from Patient List
Select Build Patient List Menu Option: PV Provider (Add to list)
No existing list found, continuing with an EMPTY list.
Select PROVIDER: GREEN, JOANN
    Select one of the following:
       P PRIMARY CARE PHYSICIAN
         Α
                   ATTENDING PHYSICIAN
                  BOTH
         В
Select: BOTH// <Enter>
Working...
Show your current PATIENT list? No// Y (Yes)
                      CURRENT PATIENT LIST
10/27/97
                                                             PAGE: 001
______
  1 APPLESEED, J
  2 BUD, ROSE
  3 EASY, OVER
  4 HOOD, ROBIN
  5 NIVEK, ALPHA
  6 READING, TRISHA
  7 TEAGUE, TEST
  8 ZORRO, MIGUEL
                                                        "^" to Quit
Press RETURN to continue
Do you want to remove patients from this list? No// <Enter> (No)
Store list for future reference? Yes// <Enter> (Yes)
Enter a name for this list: GREENLIST
 Are you adding 'GREENLIST' as a new OE/RR LIST? No// Y (Yes)
List has been stored.
```

Patient Selection Preference Menu

This menu contains options that let you set default parameters for patient lists.

Option Description	
1. Display Your Patient List Source This option lets you display a user's default patient.	ent list
source.	
2. Set My Preferred Clinic Friday This option lets you specify the clinic that will be	e the
default source of Friday's patient list.	
3. Set My Preferred Clinic Monday This option lets you specify the clinic that will be	e the
default source of Monday's patient list.	
4. Set My Preferred Clinic This option lets you specify the clinic that will be	e the
Saturday default source of Saturday's patient list.	
5. Set My Preferred Clinic Start Patients with appointment dates as early as this	
Date be added to the Clinic List. Patients will be add	
appointment dates between START DATE and	STOP
DATE.	1.4.
6. Set My Preferred Clinic Stop Date Patients with appointment dates as recent as this will be added to the Clinic List.Patients will be	
with appointment dates between START DATE	
STOP DATE.	and
7. Set My Preferred Clinic Sundays This option lets you specify the clinic that will be	e the
default source of Sunday's patient list.	o the
8. Set My Preferred Clinic This option lets you specify the clinic that will be	e the
Thursday default source of Thursday's patient list.	
9. Set My Preferred Clinic Tuesday This option lets you specify the clinic that will be	e the
default of Tuesday's patient list.	
10. Set My Preferred Clinic This option lets you specify the clinic that will be	e the
Wednesday default source of Wednesday's patient list.	
11. Set My Preferred List Source This option lets you specify the default preferen	ce for
patient list source.	
12. Set My Preferred Provider Provider Provider who is basis for building the Provider	List of
patients.	
13. Set My Preferred Sort Order for This option lets you specify the default sort order.	
Patient List patient list. Room/Bed is valid only for inpatien	ts list
(Ward, Team/Personal, Provider, Specialty).	ata
Appointment Date is valid only for outpatient li (Clinic)	SIS
14. Set My Preferred Team List This option lets you specify the Team/Personal	list to be
the default source of patients.	1131 10 00
15. Set My Preferred Treating This option lets you specify the Treating Specia	lty used
	,
Specialty as a source for patients on the Specialty List. 16. Set My Preferred Ward This option lets you specify the Ward that will be a source for patients on the Specialty List.	e the

Display Your Patient List Source Example

Display Patients Linked to Me via Teams

This option lets you see what patients are on teams that you are currently on.

Example

```
CS
            GUI Cover Sheet Display Parameters
          Notification Mgmt Menu ...
          Order Checking Mgmt Menu ...
   OC
   PL
           Personal Patient List Menu ...
           Patient Selection Preference Mgmt ...
   PS
   PT Display Patients Linked to Me via Teams
   TM Display My Teams
Select Personal Preferences Option: pt Display Patients Linked to Me via
    GREEN, JOANN IS LINKED TO THE FOLLOWING PATIENTS VIA TEAMS:
01/30/98
                                                                                PAGE: 001
  1 APPLESEED, JOHNNY 17 SCHWARTZ, ARNOLD
2 BUD, ROSE 18 SIMPSON, HOMER
3 DOE, WILLIAM C. 19 STONE, JERRY
4 EASY, OVER 20 TEAGUE, TEST
5 FEET, SMELL E. 21 TRAT, JACK
6 HOLMES, SHERLOCK 22 WINCHESTER, CHARLE
7 HOOD, ROBIN 23 ZORRO, MIGUEL
   8 KIMINATOR, THE
   9 LAY, FRITO
  10 MUFFET, LITTELLA M
  11 NEW, PATIENT
  12 NIVEK, ALPHA
  13 NIVEK, SIGMA
  14 RAMBO, JOHNNY
  15 READING, TRISHA
  16 REGISTER, NEW PATI
Press RETURN to continue
                                                                                "^" to Quit
```

Display My Teams

This option lets you see what teams you are currently on.

Example

```
Select Clinician Menu Option: PP Personal Preferences
         GUI Cover Sheet Display Parameters
      Notification Mgmt Menu ...
  NO
  OC
         Order Checking Mgmt Menu ...
       Order Checking rame ...
Personal Patient List Menu ...
  PL
      Patient Selection Preference Mgmt ...
  PT Display Patients Linked to Me via Teams
  TM Display My Teams
You have PENDING ALERTS
         Enter "VA VIEW ALERTS to review alerts
Select Personal Preferences Option: TM Display My Teams
             GREEN, JOANN IS ON THE FOLLOWING TEAMS:
01/30/98
                                                             PAGE: 001
  1 AUTOLINKED TEAM--
  2 GREENLIST
  3 House of Murph
  4 teamqa
Press RETURN to continue
                                                              "^" to Quit
```

Helpful Hints

ACTIONS

Actions (also known as protocols) are the items listed on the bottom part of the list manager screens. Sometimes these are processes that you can perform on screen items (processes such as sign, print, discontinue, renew, etc.), and sometimes they are the names of other screens (chart tabs) that you can go to.

NOTE: Order actions in CPRS work differently from OE/RR. In CPRS, you must pick an order from the review screen before the available actions appear at the bottom of the screen. In OE/RR the actions were visible at the bottom of the review screen before you selected an order.

CHART TABS

Chart Tabs are another name for the Chart Contents actions or pages. They allow you the following choices: Orders, Notes, Meds, Lab, D/C Summaries, and Problem Lists. (They are called Tabs to be consistent with the GUI version of CPRS, which uses the Windows convention of having tab-like graphic images for selecting options.) If you select one of these tabs, you will be given the option of NW. This allows you to write new notes, meds, labs, and problems without going through the order screen. You may also view results relating to these tabs by using the following steps: (1) Select CC; (2) Select a tab; e.g., consults, lab, (3) Select the number of the item you want information on, (4) Select Detailed Display.

CONSULTS

Consults may be ordered via CPRS by selecting Other from the Add Orders screen or by selecting the Consults tab. You can also see Consults results through CPRS.

• DETAILED DISPLAY

When you select the action Detailed Display (DD) you can see additional information about an order, including *Who* entered the order, *what* physician or nurse initiated the order, and the *date* the order was entered or discontinued. You may view this information by selecting the number of the order in question, and then choosing Detailed Display.

• ELECTRONIC SIGNATURE

An Electronic signature must accompany all orders entered by a physician, nurse practitioner, or physician's assistant. These orders are not released to the services until signed (except for verbal orders). For outpatient medications, the order must be signed by an authorized provider. Verbal, telephoned, and written orders cannot be released to the pharmacy until they are signed.

Note: The purpose of this is to comply with VHA policy. You can read the policy on the intranet at http://vaww.va.gov/pub/direc/health/manual/020704.htm.

EXPIRED MED ORDERS

Expired Med orders remain on the order screen for a time designated by your site.

• >> INDICATORS

The "greater-than" symbols (>>) beside an order indicates that this order needs to be completed or have action taken by a nurse or ward clerk.

When >> is shown in the black bar of the List Manager screen, it means that more information is available to the right of the screen; enter one or more of these symbols to see this information.

INORDERABLE ITEM IN PHARMACY

This is a notation that is seen when the pharmacy has changed its dispense drugs. An inorderable item can't be renewed. The med in question can be continued by choosing the Change option, which automatically DCs the original and creates a new order that will be renewable thereafter. The Change option takes you through each field of the medication and allows you to edit as needed.

LAB TIP

To change a lab urgency "on-the-fly": When you select a quick order from the menu, enter the number of the item followed by =*.

• MEDICATION ENTRY TIPS

- 1) Always use upper case when entering the schedule. The approved abbreviation for hours is H. If other letters are listed, such as hr or hrs, the pharmacy package doesn't read the schedule accurately, and incorrect times will appear on your MARS. Currently administration times can be edited under the Unit Dose option only.
- 2) Enter the Schedules for these orders as follows:

Insulin BID BID-INSULIN ISMO BID-ISMO PRN Q4-6H PRN

- 3) Multiple Meds may be renewed or discontinued by selecting the order numbers, pressing enter, and choosing Renew or DC.
- 4) Hard copies of orders automatically print to the service(s).
- 5) Meds for discharge or pass can be selected and converted to outpatient status. This prevents the need for carbon copies of orders with original signatures. To place Meds on hold, enter a free-text order. Pharmacy considers orders to be either active or discontinued. They do not act on Hold orders. This is an action taken only by a unit's nursing staff.
- 6) If an order is questioned by pharmacy, it will be flagged, stating the reason for the flag, and the physician receives a View Alert. A Med can be unflagged if you choose the Med in question and then select UNFLAG.
- 7) Verbal orders cause a View Alert to be automatically generated for the physician who needs to electronically sign the order.

Helpful Hints, cont'd

NOTES

Progress Notes can be accessed directly from the patient's chart or through TIU as a separate menu option.

• PATIENT LISTS

You can set up a specific list as your default. To enter a list, choose CHANGE VIEW (CV), then select WARD, CLINIC, or PROVIDER, etc., enter the name of the group (e.g., 2 west), then choose SV to save the list. This list must be saved after its selection for it to become your default. To change from one chart to another, the SP (Select Patient) choice returns the screen to your default list where you can select another patient. You may also enter a patient from another area of the unit by choosing FD (Find Patient) and entering the patient's name. FD can be used even if you already have another unit loaded as your default list.

QUICK ORDERS

Quick Orders allow you to enter labs and meds without going through as many steps. They are selected from the AD order screen by simply selecting a number (other than the #s for the categories LABORATORY, MEDICATIONS, IMAGING, DIETETICS, etc.). Quick Orders are ones that physicians have determined to be their most commonly ordered items and have standard collection times, routes, and other conditions.

REPORTS

Reports for individual patients are available from the Reports tab. Reports for a ward/clinic can be found under the Results Reporting menu option. To print a Ward Summary, follow these steps:

- 1) Select Results Reporting
- 2) Select patient or patients
- 3) Enter the range of numbers you want
- 4) Choose #8 to print Daily Order Summary, or #11 for Chart Copies of orders
- 5) Enter date range
- 6) Answer Yes to Display only those orders placed on this day: NO//
- 7) Enter a printer name or hit ENTER at the DEVICE: HOME// prompt (This can also be queued)

Glossary

+ A plus sign (+) in front of a Progress Note indicates that the note has

addenda. A + in front of a lab order indicates that this lab test will be

done multiple times according to a selected schedule.

>> These arrows (displayed in the center black bar) indicate that more

information can be seen by scrolling to the left. If they are displayed beside an order, it means that a nurse or clerk needs to take action on

the order.

CPRS Computerized Patient Record System, the VISTA package (in both

GUI and character-based formats) that provides access to most

components of the patient chart.

ASU Authorization/Subscription Utility, a VISTA application (initially

released with TIU) that allows VAMCs to assign privileges such as

who can do what in ordering, signing, releasing orders, etc.

Chart Contents The various components of the Patient Record, equivalent to the

major categories of a paper record; for example, Problem List, Progress Notes, Orders, Labs, Meds, Reports, etc. In CPRS, these components are listed at the bottom of the screen, to be selected

individually for performing actions.

Consults Consult/Request Tracking, a VISTA product that is also part of

CPRS (it can function as part of CPRS, independently as a

standalone package, or as part of TIU). It's used to request and track consultations or procedures from one clinician to another clinician

or service.

Cover Sheet A screen of the CPRS patient chart that displays an overview of the

patient's record.

CWAD Crises, Warnings, Allergies/Adverse Reactions, and Directives.

These are displayed on the Cover Sheet of a patient's computerized record, and can be edited, displayed in greater detail, or added to.

See Patient Postings.

D/C Summary Discharge Summary; see below.

Discharge Summary A component of TIU that can function as part of CPRS, Discharge

Summaries are recapitulations of a patient's course of care while in

the hospital.

GUI Graphical User Interface—a Windows-like screen with pull-down

menus, icons, pointer device, etc.

Health Summary A VISTA product that can be viewed through CPRS, Health

Summaries are components of patient information extracted from

other **V***IST***A** applications.

A **V***ISTA* product that is also a component of CPRS; it includes Radiology, X-rays, Nuclear Medicine, etc.

Imaging

Glossary, cont'd

Notifications Alerts regarding specific patients that appear on the CPRS patient

chart. They can be responded to through "VA View Alerts."

OE/RR Order Entry/Results Reporting, a **V**IST**A** product that evolved into

the more comprehensive CPRS.

Order Checking A component of CPRS that reviews orders as they are placed to see

if they meet certain defined criteria that might cause the clinician placing the order to change or cancel the order (e.g., duplicate

orders, drug-drug/diet/lab test interactions, etc.).

PCMM Patient Care Management Module, a **V**IST**A** product that manages

patient/provider lists.

Patient Postings A component of CPRS that includes messages about patients; an

expanded version of CWAD (see above).

Progress Notes A component of TIU that can function as part of CPRS.

Quick Orders Quick Orders allow you to enter many kinds of orders without going

through as many steps. They are types of orders that physicians have determined to be their most commonly ordered items and that have

standard collection times, routes, and other conditions.

Reports A component of CPRS that includes Health Summary, Action

Profile, and other summarized reports of patient care.

TIU Text Integration Utilities; a package for document handling, that

includes Consults, Discharge Summary, and Progress Notes, and will later add other document types such as surgical pathology reports. TIU components can be accessed for individual patients through the CPRS, or for multiple patients through the TIU

interface.

VISN Veterans Information System Network, the regional organizations

for managing computerization within a region.

V*IST***A** Veterans Information Systems Technology Architecture, the new

name for DHCP.

Appendix: Screen Actions

Actions available, by tab

Cover Sheet

NW	Enter New Allergy/ADR	. CV	(Change View)	SP	Select New Patient
AD	Add New Orders	CC	Chart Contents	Q	Close Patient Chart

Chart Contents

Cover Sheet	Orders	Imaging	Reports	
Problems	Meds	Consults		
Notes	Labs	D/C Summaries		

Problems

Inactivate	Add Comment	Detailed Display
Remove	Verify	

Change View

Status Save as Preferred View	Remove Preferred View
-------------------------------	-----------------------

Progress Notes

Edit	Detailed Display	Identify signers
Make Addendum	Browse	Copy
Sign	Print	Delete

Change View

1	all signed	4	signed/author	Save as Preferred View
2	my unsigned	5	signed/dates	Remove Preferred View
3	my uncosigned			

Add Orders

AD	Add New Orders	CG	Change View	SP	Select New Patient
+	Next Screen	CC	Chart Contents	Q	Close Patient Chart

Change View

Date range Status	Service/Section	Short Format	
-------------------	-----------------	--------------	--

Order Actions

Change	Sign	Flag	Details	Rewrite
Renew	Hold	Unflag	Results	Print
Discontinue	Release Hold	Ward Comments	Alert Results	

Meds

NW	Order New Meds	CV	Change View	SP	Select New Patient
AD	Add New Orders	CC	Chart Contents	Q	Close Patient Chart

Order Actions

Change	Discontinue	Transfer to Outpt	Detailed Display
Renew	Hold	Copy	

Change View

		_
Date range	Save as Preferred View	1
List Outpatient Meds	Remove Preferred View	

Actions available, by tab

Labs

NW	Order New Lab Tests	CV	Change View	SP	Select New Patient
AD	Add New Orders	CC	Chart Contents	Q	Close Patient Chart

Change View

Date range	Go to Section	Remove Preferred View
Use list format	Save as Preferred View	

Imaging

NW	Order New Procedures	CV	Change View	SP	Select New Patient
AD	Add New Orders	CC	Chart Contents	Q	Close Patient Chart

Change View

Date range	Save as Preferred View
Maximum # of items	Remove Preferred View

Consults

NW	Order New Consult	CV	Change View	SP	Select New Patient
AD	Add New Orders	CC	Chart Contents	Q	Close Patient Chart

Change View

Date range	Service	Remove Preferred View
Status	Save as Preferred View	

Actions

Detailed Display	Print SF 513	
------------------	--------------	--

D/C Summaries

NW	Write New Summary	CV	Change View	SP	Select New Patient
AD	Add New Orders	CC	Chart Contents	Q	Close Patient Chart

Change View

1	all signed	4	signed/author	Save as Preferred View
2	my unsigned	5	signed/dates	Remove Preferred View
3	my uncosigned			

Actions

Edit	Detailed Display	Identify signers
Make Addendum	Browse	Copy
Sign	Print	Delete

Reports

OR	Other Reports	CV	Change View	SP	Select New Patient
AD	Add New Orders	CC	Chart Contents	Q	Close Patient Chart

Change View

Date Range for Radiology reports	Save as Preferred View
Maximum # of Radiology reports	Remove Preferred View

Index

${f A}$	I
AD, 7, 23, 27, 32, 34, 37, 39, 41, 73, 75, 79 Add New Orders, 23, 26, 52, 79 Add Order Screen, 29, 32, 34, 37, 39, 41 Alerts, 13, 78 Allergies, 11, 12, 13, 14, 15, 18, 22, 26, 46, 49, 52, 56, 73, 76	Icons, 7 Imaging, 14, 15, 18, 22, 46, 52, 53, 56, 73, 77, 79 IMAGING, 26, 27, 42, 75 INPATIENT MEDS, 26 Interface, 77 IV FLUIDS, 26, 41
Appendix A: Order Statuses, 79 ASU, 76	L
C	Lab Cumulative, 57
C Chart Components, 20 Chart Contents, 11, 12, 14, 15, 16, 18, 19, 20, 22, 23, 43, 46, 49, 50, 52, 54, 56, 73, 76, 79	Labs, 46 List Manager, 8
CHART TABS, 73	\mathbf{M}
Common Radiology Procedure List, 42 Computerized Patient Record System, 76 , 14, 15, 18, 22, 42, 46, 49, 52, 56, 73, 76, 78, 79 Cover Sheet, 11, 12, 14, 15, 18, 22, 46, 49, 52, 56, 76,	MED ORDERS, 73 Medications item, 31 Meds, 43 Modifier, 42
79 CPRS , 8, 18, 54, 62, 73, 76, 77, 78	${f N}$
CWAD, 76, 78 D	notification, 64 Notification Mgmt Menu Options, 63 Notifications, 64, 78
DEA number, 32, 34, 37, 39	
Defaults, 6, 30 Detailed Display, 13, 21, 50, 73, 79 DETAILED DISPLAY, 73 diet, 30 DIETETICS, 26, 27, 75 Discharge Summaries, 54 Discharge Summary, 54, 76, 78	OE, 15, 18, 49, 78 Order Checking Management Options for Recipients 67 Order Statuses, 79 , 14, 15, 18, 22, 23, 24, 25, 26, 27, 29, 30, 42 43, 46, 52, 56, 58, 64, 73, 75, 76, 78, 79 DEA# or VA#, 32, 34, 37, 39
${f E}$	First Dose Now, 37 inpatient, complex dose, 39
Find Patient, 10, 75	inpatient, simple dose, 37 outpatient, complex dose, 34 outpatient, simple dose, 32 POE overview, 31 wet signature, 32, 34
First Dose Now. See Orders: First Dose Now. See Orders: First Dose Now	P
\mathbf{G}	PARAMETERS, 26 PATIENT LISTS, 75
Glossary, 76 GUI, 73, 76, 77 H Health Summary, 77	Patient Postings, 11, 12, 14, 15, 18, 22, 46, 49, 52, 56, 78 Patient Selection Preference Menu, 70 PCMM, 78 Personal Preferences, 15, 18, 49, 62, 63, 67, 68, 69, 70, 71
Helpful Hints, 73, 74, 75	PHARMACY, 74 Problem List, 16, 17, 76 Progress Notes, 18, 19, 20, 75, 76, 78

 \mathbf{T} Q

quick orders, 26, 29 **QUICK ORDERS**, 75

Reports, 14, 15, 18, 22, 46, 52, 56, 57, 58, 59, 76, 78, 79

R

result, 51

RESULTS REPORTING, 75 RR, 10, 15, 18, 49, 78

VA number, 32, 34, 37, 39 **VISN**, 78 VISTA, 76, 77, 78

TIU, 78

User responses, 6

U

V

Special Instructions for the First Time Computer User, 5 Summaries, 76

S

86